Form 5500

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

Annual Return/Report of Employee Benefit Plan

This form is required to be filed for employee benefit plans under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and sections 6047(e), 6057(b), and 6058(a) of the Internal Revenue Code (the Code).

▶ **Complete all entries in accordance with the instructions to the Form 5500.**

OMB Nos. 1210-0110
1210-0089

2012

This Form is Open to Public Inspection

Part I Annual Report Identification Information

For calendar plan year 2012 or fiscal plan year beginning 01/01/2012 and ending 12/31/2012

A This return/report is for:
- [ ] a multiemployer plan;
- [ ] a multiple-employer plan; or
- [X] a single-employer plan;
- [ ] a DFE (specify) ____

B This return/report is:
- [ ] the first return/report;
- [ ] the final return/report;
- [ ] an amended return/report;
- [ ] a short plan year return/report (less than 12 months).

C If the plan is a collectively-bargained plan, check here. . . . . ▶ [ ]

D Check box if filing under:
- [X] Form 5558;
- [ ] automatic extension;
- [ ] the DFVC program;
- [ ] special extension (enter description)

Part II Basic Plan Information—enter all requested information

1a Name of plan
MERIEUX NUTRISCIENCES & SUBSIDIARIES RETIREMENT PL

1b Three-digit plan number (PN) ▶ 001

1c Effective date of plan 03/31/1970

2a Plan sponsor's name and address; include room or suite number (employer, if for a single-employer plan)

MERIEUX NUTRISCIENCES CORP.

111 E. WACKER DRIVE
SUITE 2300
CHICAGO, IL 60601

2b Employer Identification Number (EIN)
43-1848483

2c Sponsor's telephone number
312-938-5151

2d Business code (see instructions)
812990

Caution: A penalty for the late or incomplete filing of this return/report will be assessed unless reasonable cause is established.

Under penalties of perjury and other penalties set forth in the instructions, I declare that I have examined this return/report, including accompanying schedules, statements and attachments, as well as the electronic version of this return/report, and to the best of my knowledge and belief, it is true, correct, and complete.

SIGN HERE	Filed with authorized/valid electronic signature.	10/14/2013	DAN CLARK
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE	Filed with authorized/valid electronic signature.	10/14/2013	DAN CLARK
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE

Preparer's name (including firm name, if applicable) and address; include room or suite number. (optional)

Preparer's telephone number (optional)

3a Plan administrator's name and address ☐ Same as Plan Sponsor Name ☐ Same as Plan Sponsor Address

MR. DANIEL S. CLARK

111 E. WACKER DRIVE
CHICAGO, IL 60601

3b Administrator's EIN
36-3691830

3c Administrator's telephone number
312-938-5151

4 If the name and/or EIN of the plan sponsor has changed since the last return/report filed for this plan, enter the name, EIN and the plan number from the last return/report:

a Sponsor's name

4b EIN

4c PN

5	Total number of participants at the beginning of the plan year	**5**	1108
6	Number of participants as of the end of the plan year (welfare plans complete only lines **6a, 6b, 6c,** and **6d**).		
a	Active participants	**6a**	926
b	Retired or separated participants receiving benefits	**6b**	4
c	Other retired or separated participants entitled to future benefits	**6c**	110
d	Subtotal. Add lines **6a**, **6b**, and **6c**	**6d**	1040
e	Deceased participants whose beneficiaries are receiving or are entitled to receive benefits	**6e**	0
f	Total. Add lines **6d** and **6e**	**6f**	1040
g	Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)	**6g**	980
h	Number of participants that terminated employment during the plan year with accrued benefits that were less than 100% vested	**6h**	6
7	Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item)	**7**	

8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions:
2E 2J 2F 2G 2K 2R 3D 2S 2T

b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristics Codes in the instructions:

9a Plan funding arrangement (check all that apply)

(1)	X	Insurance
(2)		Code section 412(e)(3) insurance contracts
(3)	X	Trust
(4)		General assets of the sponsor

9b Plan benefit arrangement (check all that apply)

(1)	X	Insurance
(2)		Code section 412(e)(3) insurance contracts
(3)	X	Trust
(4)		General assets of the sponsor

10 Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)

a Pension Schedules

(1)	X	**R** (Retirement Plan Information)
(2)		**MB** (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary
(3)		**SB** (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary

b General Schedules

(1)	X		**H** (Financial Information)
(2)			**I** (Financial Information – Small Plan)
(3)	X	1	**A** (Insurance Information)
(4)	X		**C** (Service Provider Information)
(5)	X		**D** (DFE/Participating Plan Information)
(6)			**G** (Financial Transaction Schedules)

SCHEDULE A (Form 5500)

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

Insurance Information

This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA).

▶ **File as an attachment to Form 5500.**

▶ Insurance companies are required to provide the information pursuant to ERISA section 103(a)(2).

OMB No. 1210-0110

2012

This Form is Open to Public Inspection

For calendar plan year 2012 or fiscal plan year beginning 01/01/2012 and ending 12/31/2012

A Name of plan
MERIEUX NUTRISCIENCES & SUBSIDIARIES RETIREMENT PL

B Three-digit plan number (PN) ▶ 001

C Plan sponsor's name as shown on line 2a of Form 5500
MERIEUX NUTRISCIENCES CORP.

D Employer Identification Number (EIN)
43-1848483

Part I Information Concerning Insurance Contract Coverage, Fees, and Commissions

Provide information for each contract on a separate Schedule A. Individual contracts grouped as a unit in Parts II and III can be reported on a single Schedule A.

1 Coverage Information:

(a) Name of insurance carrier

MASSACHUSETTS MUTUAL LIFE INSURANCE COMPANY

(b) EIN	(c) NAIC code	(d) Contract or identification number	(e) Approximate number of persons covered at end of policy or contract year	Policy or contract year	
				(f) From	(g) To
04-1590850	65935	FL 51546	1040	01/01/2012	12/31/2012

2 Insurance fee and commission information. Enter the total fees and total commissions paid. List in line 3 the agents, brokers, and other persons in descending order of the amount paid.

(a) Total amount of commissions paid	(b) Total amount of fees paid
31492	0

3 Persons receiving commissions and fees. (Complete as many entries as needed to report all persons).

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

LOCKTON FINANCIAL ADVISORS LLC
444 W 47TH ST STE 900
KANSAS CITY, MO 64112

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	
31492			1

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	

(a) Name and address of the agent, broker, or other person to whom commissions or fees were paid

(b) Amount of sales and base commissions paid	Fees and other commissions paid		**(e)** Organization code
	(c) Amount	**(d)** Purpose	

Part II Investment and Annuity Contract Information

Where individual contracts are provided, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

4	Current value of plan's interest under this contract in the general account at year end	4	
5	Current value of plan's interest under this contract in separate accounts at year end	5	26449655

6 Contracts With Allocated Funds:

a State the basis of premium rates ▶

b	Premiums paid to carrier	6b	
c	Premiums due but unpaid at the end of the year	6c	
d	If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, enter amount.	6d	

Specify nature of costs ▶

e Type of contract: (1) ☐ individual policies (2) ☐ group deferred annuity

(3) ☐ other (specify) ▶

f If contract purchased, in whole or in part, to distribute benefits from a terminating plan check here ▶ ☐

7 Contracts With Unallocated Funds (Do not include portions of these contracts maintained in separate accounts)

a Type of contract: (1) ☐ deposit administration (2) ☐ immediate participation guarantee

(3) ☐ guaranteed investment (4) ☒ other ▶ GROUP ANNUITY CONTRACT

b	Balance at the end of the previous year			7b	4264229
c	Additions: (1) Contributions deposited during the year	7c(1)	3212015		
	(2) Dividends and credits	7c(2)	0		
	(3) Interest credited during the year	7c(3)	147639		
	(4) Transferred from separate account	7c(4)	257587		
	(5) Other (specify below)	7c(5)	822190		
	▶ LN INT, LN PRIN, LOAN DEFAULT, LOAN				
	(6) Total additions			7c(6)	4439431
d	Total of balance and additions (add lines **7b** and **7c(6)**).			7d	8703660
e	Deductions:				
	(1) Disbursed from fund to pay benefits or purchase annuities during year	7e(1)	202536		
	(2) Administration charge made by carrier	7e(2)	4412		
	(3) Transferred to separate account	7e(3)	3563377		
	(4) Other (specify below)	7e(4)	60082		
	▶ LN DISTRIB				
	(5) Total deductions			7e(5)	3830407
f	Balance at the end of the current year (subtract line **7e(5)** from line **7d**)			7f	4873253

Part III Welfare Benefit Contract Information

If more than one contract covers the same group of employees of the same employer(s) or members of the same employee organizations(s), the information may be combined for reporting purposes if such contracts are experience-rated as a unit. Where contracts cover individual employees, the entire group of such individual contracts with each carrier may be treated as a unit for purposes of this report.

8 Benefit and contract type (check all applicable boxes)

a ☐ Health (other than dental or vision) **b** ☐ Dental **c** ☐ Vision **d** ☐ Life insurance

e ☐ Temporary disability (accident and sickness) **f** ☐ Long-term disability **g** ☐ Supplemental unemployment **h** ☐ Prescription drug

i ☐ Stop loss (large deductible) **j** ☐ HMO contract **k** ☐ PPO contract **l** ☐ Indemnity contract

m ☐ Other (specify) ▶

9 Experience-rated contracts:				
a Premiums: (1) Amount received	**9a(1)**			
(2) Increase (decrease) in amount due but unpaid	**9a(2)**			
(3) Increase (decrease) in unearned premium reserve	**9a(3)**			
(4) Earned (**(1)** + **(2)** - **(3)**)			**9a(4)**	
b Benefit charges (1) Claims paid	**9b(1)**			
(2) Increase (decrease) in claim reserves	**9b(2)**			
(3) Incurred claims (add **(1)** and **(2)**)			**9b(3)**	
(4) Claims charged			**9b(4)**	
c Remainder of premium: (1) Retention charges (on an accrual basis) --				
(A) Commissions	**9c(1)(A)**			
(B) Administrative service or other fees	**9c(1)(B)**			
(C) Other specific acquisition costs	**9c(1)(C)**			
(D) Other expenses	**9c(1)(D)**			
(E) Taxes	**9c(1)(E)**			
(F) Charges for risks or other contingencies	**9c(1)(F)**			
(G) Other retention charges	**9c(1)(G)**			
(H) Total retention			**9c(1)(H)**	
(2) Dividends or retroactive rate refunds. (These amounts were ☐ paid in cash, or ☐ credited.)			**9c(2)**	
d Status of policyholder reserves at end of year: (1) Amount held to provide benefits after retirement			**9d(1)**	
(2) Claim reserves			**9d(2)**	
(3) Other reserves			**9d(3)**	
e Dividends or retroactive rate refunds due. (Do not include amount entered in line **9c(2)**.)			**9e**	
10 Nonexperience-rated contracts:				
a Total premiums or subscription charges paid to carrier			**10a**	
b If the carrier, service, or other organization incurred any specific costs in connection with the acquisition or retention of the contract or policy, other than reported in Part I, line 2 above, report amount.			**10b**	

Specify nature of costs ▶

Part IV Provision of Information

11 Did the insurance company fail to provide any information necessary to complete Schedule A? ☐ Yes ☒ No

12 If the answer to line 11 is "Yes," specify the information not provided. ▶

SCHEDULE C (Form 5500)	Service Provider Information	OMB No. 1210-0110
Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ **File as an attachment to Form 5500.**	**2012** **This Form is Open to Public Inspection.**

For calendar plan year 2012 or fiscal plan year beginning 01/01/2012 and ending 12/31/2012

A Name of plan	**B** Three-digit plan number (PN) ▶	
MERIEUX NUTRISCIENCES & SUBSIDIARIES RETIREMENT PL		001
C Plan sponsor's name as shown on line 2a of Form 5500	**D** Employer Identification Number (EIN)	
MERIEUX NUTRISCIENCES CORP.	43-1848483	

Part I Service Provider Information (see instructions)

You must complete this Part, in accordance with the instructions, to report the information required for **each person** who received, directly or indirectly, $5,000 or more in total compensation (i.e., money or anything else of monetary value) in connection with services rendered to the plan or the person's position with the plan during the plan year. If a person received **only** eligible indirect compensation for which the plan received the required disclosures, you are required to answer line 1 but are not required to include that person when completing the remainder of this Part.

1 Information on Persons Receiving Only Eligible Indirect Compensation

a Check "Yes" or "No" to indicate whether you are excluding a person from the remainder of this Part because they received only eligible indirect compensation for which the plan received the required disclosures (see instructions for definitions and conditions).. . . . . [X] Yes [ ] No

b If you answered line 1a "Yes," enter the name and EIN or address of each person providing the required disclosures for the service providers who received only eligible indirect compensation. Complete as many entries as needed (see instructions).

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

MASSACHUSETTS MUTUAL LIFE INS. CO.

04-1590850

(b) Enter name and EIN or address of person who provided you disclosure on eligible indirect compensation

STATE STREET GLOBAL MARKETS

04-3464336

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

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2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, $5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

MASSACHUSETTS MUTUAL LIFE INS. CO.

04-1590850

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
52 60 63 64 68 72	CONTRACT ADMINISTRATOR	34709	Yes [X] No [ ]	Yes [X] No [ ]	0	Yes [X] No [ ]

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes [ ] No [ ]	Yes [ ] No [ ]		Yes [ ] No [ ]

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes [ ] No [ ]	Yes [ ] No [ ]		Yes [ ] No [ ]

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, $5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

Part I Service Provider Information (continued)

3 If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received $1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	72	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
PREMIER INT'L EQUITY OFI INST 04-3212044	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	72	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
PREMIER MONEY MARKET BABSON 04-3212059	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	72	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
PREMIER CORE BOND BABSON 04-3277549	BASIS POINTS * PLAN ASSETS

Part I Service Provider Information (continued)

3 If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received $1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
VALUE MFS 04-3287965	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
INT'L NEW DISCOVERY MFS 04-3379729	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	72	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
MM S&P 500 INDEX NORTHERN TRUST 04-3410047	BASIS POINTS * PLAN ASSETS

Part I Service Provider Information (continued)

3 If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received $1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	72	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
SEL SM CP GR W&R/WLLNGTN/TMBRLN 04-3464205	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	72	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
SELECT FOCUSED VALUE HARRIS 04-3512590	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	72	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
SELECT MID CAP GR II TRP/FRONTIER 04-3512596	BASIS POINTS * PLAN ASSETS

Part I Service Provider Information (continued)

3 If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received $1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	72	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
SEL BLUE CHIP GROWTH T.ROWE PRICE 04-3556992	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	72	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
SEL SMCOVAL FED CLOV/TRP/ERNST 04-3584140	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
RETIREMENT 2010 T. ROWE PRICE 20-0001631	BASIS POINTS * PLAN ASSETS

Part I Service Provider Information (continued)

3 If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received $1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
RETIREMENT 2020 T. ROWE PRICE 20-0001634	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
RETIREMENT 2030 T. ROWE PRICE 20-0001636	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
RETIREMENT 2040 T. ROWE PRICE 20-0001638	BASIS POINTS * PLAN ASSETS

Part I Service Provider Information (continued)

3 If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received $1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
RETIREMENT 2050 T. ROWE PRICE 51-0612044	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
RETIREMENT INCOME T. ROWE PRICE 56-2294396	BASIS POINTS * PLAN ASSETS

(a) Enter service provider name as it appears on line 2	**(b)** Service Codes (see instructions)	**(c)** Enter amount of indirect compensation
MASSACHUSETTS MUTUAL LIFE INS. CO.	60	0

(d) Enter name and EIN (address) of source of indirect compensation	**(e)** Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
MID CAP VALUE PERKINS 84-1458637	BASIS POINTS * PLAN ASSETS

Part II Service Providers Who Fail or Refuse to Provide Information

4 Provide, to the extent possible, the following information for each service provider who failed or refused to provide the information necessary to complete this Schedule.

(a) Enter name and EIN or address of service provider (see instructions)	**(b)** Nature of Service Code(s)	**(c)** Describe the information that the service provider failed or refused to provide

(a) Enter name and EIN or address of service provider (see instructions)	**(b)** Nature of Service Code(s)	**(c)** Describe the information that the service provider failed or refused to provide

(a) Enter name and EIN or address of service provider (see instructions)	**(b)** Nature of Service Code(s)	**(c)** Describe the information that the service provider failed or refused to provide

(a) Enter name and EIN or address of service provider (see instructions)	**(b)** Nature of Service Code(s)	**(c)** Describe the information that the service provider failed or refused to provide

(a) Enter name and EIN or address of service provider (see instructions)	**(b)** Nature of Service Code(s)	**(c)** Describe the information that the service provider failed or refused to provide

(a) Enter name and EIN or address of service provider (see instructions)	**(b)** Nature of Service Code(s)	**(c)** Describe the information that the service provider failed or refused to provide

Part III Termination Information on Accountants and Enrolled Actuaries (see instructions)

(complete as many entries as needed)

a	Name:	**b** EIN:
c	Position:	
d	Address:	**e** Telephone:

Explanation:

a	Name:	**b** EIN:
c	Position:	
d	Address:	**e** Telephone:

Explanation:

a	Name:	**b** EIN:
c	Position:	
d	Address:	**e** Telephone:

Explanation:

a	Name:	**b** EIN:
c	Position:	
d	Address:	**e** Telephone:

Explanation:

a	Name:	**b** EIN:
c	Position:	
d	Address:	**e** Telephone:

Explanation:

SCHEDULE D (Form 5500)

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

DFE/Participating Plan Information

This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA).

▶ **File as an attachment to Form 5500.**

OMB No. 1210-0110

2012

This Form is Open to Public Inspection.

For calendar plan year 2012 or fiscal plan year beginning 01/01/2012 and ending 12/31/2012

A Name of plan
MERIEUX NUTRISCIENCES & SUBSIDIARIES RETIREMENT PL

B Three-digit plan number (PN) ▶ 001

C Plan or DFE sponsor's name as shown on line 2a of Form 5500
MERIEUX NUTRISCIENCES CORP.

D Employer Identification Number (EIN)
43-1848483

Part I Information on interests in MTIAs, CCTs, PSAs, and 103-12 IEs (to be completed by plans and DFEs)

(Complete as many entries as needed to report all interests in DFEs)

a Name of MTIA, CCT, PSA, or 103-12 IE:	SIA-BT RETIREMENT INCOME		
b Name of sponsor of entity listed in (a):	MASSACHUSETTS MUTUAL LIFE INSURANCE		
c EIN-PN	90-0342299-028	**d** Entity code	P
e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	540319		
a Name of MTIA, CCT, PSA, or 103-12 IE:	SIA-FT RETIREMENT 2010		
b Name of sponsor of entity listed in (a):	MASSACHUSETTS MUTUAL LIFE INSURANCE		
c EIN-PN	90-0342299-029	**d** Entity code	P
e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	852826		
a Name of MTIA, CCT, PSA, or 103-12 IE:	SIA-LC SEL SM CP GR		
b Name of sponsor of entity listed in (a):	MASSACHUSETTS MUTUAL LIFE INSURANCE		
c EIN-PN	04-1590850-051	**d** Entity code	P
e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	890006		
a Name of MTIA, CCT, PSA, or 103-12 IE:	SIA-LE PREMIER CORE BOND		
b Name of sponsor of entity listed in (a):	MASSACHUSETTS MUTUAL LIFE INSURANCE		
c EIN-PN	04-1590850-053	**d** Entity code	P
e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	2723332		
a Name of MTIA, CCT, PSA, or 103-12 IE:	SIA-LI PREMIER INT'L EQUITY		
b Name of sponsor of entity listed in (a):	MASSACHUSETTS MUTUAL LIFE INSURANCE		
c EIN-PN	04-1590850-056	**d** Entity code	P
e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	1395731		
a Name of MTIA, CCT, PSA, or 103-12 IE:	SIA-LT RETIREMENT 2020		
b Name of sponsor of entity listed in (a):	MASSACHUSETTS MUTUAL LIFE INSURANCE		
c EIN-PN	90-0342299-030	**d** Entity code	P
e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	2667938		
a Name of MTIA, CCT, PSA, or 103-12 IE:	SIA-LV SELECT FOCUSED VALUE		
b Name of sponsor of entity listed in (a):	MASSACHUSETTS MUTUAL LIFE INSURANCE		
c EIN-PN	04-1590850-065	**d** Entity code	P
e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	1343426		

a Name of MTIA, CCT, PSA, or 103-12 IE: SIA-LW SELECT VALUE EQUITY

b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INSURANCE

c EIN-PN 04-1590850-159	**d** Entity code P	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 0

a Name of MTIA, CCT, PSA, or 103-12 IE: SIA-LX MM S&P 500 INDEX

b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INSURANCE

c EIN-PN 04-1590850-066	**d** Entity code P	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 1814267

a Name of MTIA, CCT, PSA, or 103-12 IE: SIA-LY SEL SMCOVAL

b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INSURANCE

c EIN-PN 04-1590850-180	**d** Entity code P	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 531829

a Name of MTIA, CCT, PSA, or 103-12 IE: SIA-OT RETIREMENT 2050

b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INSURANCE

c EIN-PN 90-0342299-094	**d** Entity code P	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 1898667

a Name of MTIA, CCT, PSA, or 103-12 IE: SIA-PT RETIREMENT 2030

b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INSURANCE

c EIN-PN 90-0342299-031	**d** Entity code P	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 4034846

a Name of MTIA, CCT, PSA, or 103-12 IE: SIA-QT RETIREMENT 2040

b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INSURANCE

c EIN-PN 90-0342299-032	**d** Entity code P	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 2611244

a Name of MTIA, CCT, PSA, or 103-12 IE: SIA-TI MID CAP VALUE

b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INSURANCE

c EIN-PN 90-0342299-017	**d** Entity code P	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 259387

a Name of MTIA, CCT, PSA, or 103-12 IE: SIA-VV VALUE

b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INSURANCE

c EIN-PN 90-0342299-132	**d** Entity code P	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 1380368

a Name of MTIA, CCT, PSA, or 103-12 IE: SIA-W1 SEL BLUE CHIP GROWTH

b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INSURANCE

c EIN-PN 04-1590850-113	**d** Entity code P	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 2064994

a Name of MTIA, CCT, PSA, or 103-12 IE: SIA-W9 SELECT MID CAP GR II

b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INSURANCE

c EIN-PN 04-1590850-121	**d** Entity code P	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 379615

a Name of MTIA, CCT, PSA, or 103-12 IE: SIA-WR INT'L NEW DISCOVERY

b Name of sponsor of entity listed in (a): MASSACHUSETTS MUTUAL LIFE INSURANCE

c EIN-PN 04-1590850-231	**d** Entity code P	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 1060860

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

a Name of MTIA, CCT, PSA, or 103-12 IE:

b Name of sponsor of entity listed in (a):

c EIN-PN	**d** Entity code	**e** Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)

Part II Information on Participating Plans (to be completed by DFEs)

(Complete as many entries as needed to report all participating plans)

a Plan name

b Name of plan sponsor	**c** EIN-PN

a Plan name

b Name of plan sponsor	**c** EIN-PN

a Plan name

b Name of plan sponsor	**c** EIN-PN

a Plan name

b Name of plan sponsor	**c** EIN-PN

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b Name of plan sponsor	**c** EIN-PN

a Plan name

b Name of plan sponsor	**c** EIN-PN

a Plan name

b Name of plan sponsor	**c** EIN-PN

a Plan name

b Name of plan sponsor	**c** EIN-PN

SCHEDULE H (Form 5500)

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

Financial Information

This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code).

▶ **File as an attachment to Form 5500.**

OMB No. 1210-0110

2012

This Form is Open to Public Inspection

For calendar plan year 2012 or fiscal plan year beginning 01/01/2012 and ending 12/31/2012

A Name of plan
MERIEUX NUTRISCIENCES & SUBSIDIARIES RETIREMENT PL

B Three-digit plan number (PN) ▶ 001

C Plan sponsor's name as shown on line 2a of Form 5500
MERIEUX NUTRISCIENCES CORP.

D Employer Identification Number (EIN)
43-1848483

Part I Asset and Liability Statement

1 Current value of plan assets and liabilities at the beginning and end of the plan year. Combine the value of plan assets held in more than one trust. Report the value of the plan's interest in a commingled fund containing the assets of more than one plan on a line-by-line basis unless the value is reportable on lines 1c(9) through 1c(14). Do not enter the value of that portion of an insurance contract which guarantees, during this plan year, to pay a specific dollar benefit at a future date. **Round off amounts to the nearest dollar.** MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 1b(1), 1b(2), 1c(8), 1g, 1h, and 1i. CCTs, PSAs, and 103-12 IEs also do not complete lines 1d and 1e. See instructions.

Assets		(a) Beginning of Year	(b) End of Year
a Total noninterest-bearing cash	1a		
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions	1b(1)		
(2) Participant contributions	1b(2)		
(3) Other	1b(3)		
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit)	1c(1)		
(2) U.S. Government securities	1c(2)		
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred	1c(3)(A)		
(B) All other	1c(3)(B)		
(4) Corporate stocks (other than employer securities):			
(A) Preferred	1c(4)(A)		
(B) Common	1c(4)(B)		
(5) Partnership/joint venture interests	1c(5)		
(6) Real estate (other than employer real property)	1c(6)		
(7) Loans (other than to participants)	1c(7)		
(8) Participant loans	1c(8)	1204930	1162630
(9) Value of interest in common/collective trusts	1c(9)	0	0
(10) Value of interest in pooled separate accounts	1c(10)	22278179	26449655
(11) Value of interest in master trust investment accounts	1c(11)		
(12) Value of interest in 103-12 investment entities	1c(12)		
(13) Value of interest in registered investment companies (e.g., mutual funds)	1c(13)	0	0
(14) Value of funds held in insurance company general account (unallocated contracts)	1c(14)	4264229	4873253
(15) Other	1c(15)	0	0

		(a) Beginning of Year	(b) End of Year
1d Employer-related investments:			
(1) Employer securities	1d(1)	0	0
(2) Employer real property	1d(2)		
e Buildings and other property used in plan operation	1e		
f Total assets (add all amounts in lines 1a through 1e)	1f	27747338	32485538
Liabilities			
g Benefit claims payable	1g		
h Operating payables	1h		
i Acquisition indebtedness	1i		
j Other liabilities	1j		
k Total liabilities (add all amounts in lines 1g through1j)	1k	0	0
Net Assets			
l Net assets (subtract line 1k from line 1f)	1l	27747338	32485538

Part II Income and Expense Statement

2 Plan income, expenses, and changes in net assets for the year. Include all income and expenses of the plan, including any trust(s) or separately maintained fund(s) and any payments/receipts to/from insurance carriers. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 2a, 2b(1)(E), 2e, 2f, and 2g.

Income		(a) Amount	(b) Total
a Contributions:			
(1) Received or receivable in cash from: **(A)** Employers	2a(1)(A)	827341	
(B) Participants	2a(1)(B)	2384674	
(C) Others (including rollovers)	2a(1)(C)	48330	
(2) Noncash contributions	2a(2)		
(3) Total contributions. Add lines **2a(1)(A), (B), (C),** and line **2a(2)**	2a(3)		3260345
b Earnings on investments:			
(1) Interest:			
(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)		
(B) U.S. Government securities	2b(1)(B)		
(C) Corporate debt instruments	2b(1)(C)		
(D) Loans (other than to participants)	2b(1)(D)		
(E) Participant loans	2b(1)(E)	50467	
(F) Other	2b(1)(F)	147639	
(G) Total interest. Add lines **2b(1)(A)** through **(F)**	2b(1)(G)		198106
(2) Dividends: **(A)** Preferred stock	2b(2)(A)		
(B) Common stock	2b(2)(B)	0	
(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)	0	
(D) Total dividends. Add lines **2b(2)(A)**, **(B)**, and **(C)**	2b(2)(D)		0
(3) Rents	2b(3)		
(4) Net gain (loss) on sale of assets: **(A)** Aggregate proceeds	2b(4)(A)		
(B) Aggregate carrying amount (see instructions)	2b(4)(B)		
(C) Subtract line **2b(4)(B)** from line **2b(4)(A)** and enter result	2b(4)(C)		0
(5) Unrealized appreciation (depreciation) of assets: **(A)** Real estate	2b(5)(A)		
(B) Other	2b(5)(B)		
(C) Total unrealized appreciation of assets. Add lines **2b(5)(A)** and **(B)**	2b(5)(C)		0

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts	2b(6)		0
(7) Net investment gain (loss) from pooled separate accounts	2b(7)		3501327
(8) Net investment gain (loss) from master trust investment accounts	2b(8)		
(9) Net investment gain (loss) from 103-12 investment entities	2b(9)		
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds)	2b(10)		0
c Other income	2c		0
d Total income. Add all **income** amounts in column (b) and enter total	2d		6959778
Expenses			
e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	2136183	
(2) To insurance carriers for the provision of benefits	2e(2)	0	
(3) Other	2e(3)	0	
(4) Total benefit payments. Add lines **2e(1)** through **(3)**	2e(4)		2136183
f Corrective distributions (see instructions)	2f		46252
g Certain deemed distributions of participant loans (see instructions)	2g		4434
h Interest expense	2h		
i Administrative expenses: (1) Professional fees	2i(1)	0	
(2) Contract administrator fees	2i(2)	34002	
(3) Investment advisory and management fees	2i(3)	0	
(4) Other	2i(4)	707	
(5) Total administrative expenses. Add lines **2i(1)** through **(4)**	2i(5)		34709
j Total expenses. Add all **expense** amounts in column (b) and enter total	2j		2221578
Net Income and Reconciliation			
k Net income (loss). Subtract line **2j** from line **2d**	2k		4738200
l Transfers of assets:			
(1) To this plan	2l(1)		
(2) From this plan	2l(2)		

Part III Accountant's Opinion

3 Complete lines 3a through 3c if the opinion of an independent qualified public accountant is attached to this Form 5500. Complete line 3d if an opinion is not attached.

a The attached opinion of an independent qualified public accountant for this plan is (see instructions):

(1) [ ] Unqualified **(2)** [ ] Qualified **(3)** [X] Disclaimer **(4)** [ ] Adverse

b Did the accountant perform a limited scope audit pursuant to 29 CFR 2520.103-8 and/or 103-12(d)? [X] Yes [ ] No

c Enter the name and EIN of the accountant (or accounting firm) below:

(1) Name: ERNST & YOUNG, LLP **(2)** EIN: 34-6565596

d The opinion of an independent qualified public accountant is **not attached** because:

(1) [ ] This form is filed for a CCT, PSA, or MTIA. **(2)** [ ] It will be attached to the next Form 5500 pursuant to 29 CFR 2520.104-50.

Part IV Compliance Questions

4 CCTs and PSAs do not complete Part IV. MTIAs, 103-12 IEs, and GIAs do not complete lines 4a, 4e, 4f, 4g, 4h, 4k, 4m, 4n, or 5. 103-12 IEs also do not complete lines 4j and 4l. MTIAs also do not complete line 4l.

During the plan year:

		Yes	No	Amount
a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program.)	4a		X	
b Were any loans by the plan or fixed income obligations due the plan in default as of the close of the plan year or classified during the year as uncollectible? Disregard participant loans secured by participant's account balance. (Attach Schedule G (Form 5500) Part I if "Yes" is checked.)	4b		X	

			Yes	No	Amount
c	Were any leases to which the plan was a party in default or classified during the year as uncollectible? (Attach Schedule G (Form 5500) Part II if "Yes" is checked.)	4c		X	
d	Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a. Attach Schedule G (Form 5500) Part III if "Yes" is checked.)	4d		X	
e	Was this plan covered by a fidelity bond?	4e		X	
f	Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?	4f		X	
g	Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser?	4g		X	
h	Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?	4h		X	
i	Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)	4i	X		
j	Were any plan transactions or series of transactions in excess of 5% of the current value of plan assets? (Attach schedule of transactions if "Yes" is checked, and see instructions for format requirements.)	4j		X	
k	Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?	4k		X	
l	Has the plan failed to provide any benefit when due under the plan?	4l		X	
m	If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)	4m		X	
n	If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3.	4n			

5a Has a resolution to terminate the plan been adopted during the plan year or any prior plan year?
If "Yes," enter the amount of any plan assets that reverted to the employer this year ☐ **Yes** ☒ **No** **Amount:**

5b If, during this plan year, any assets or liabilities were transferred from this plan to another plan(s), identify the plan(s) to which assets or liabilities were transferred. (See instructions.)

5b(1) Name of plan(s)	**5b(2)** EIN(s)	**5b(3)** PN(s)

Part V Trust Information (optional)

6a Name of trust	**6b** Trust's EIN

SCHEDULE R (Form 5500)

Department of the Treasury
Internal Revenue Service

Department of Labor
Employee Benefits Security Administration

Pension Benefit Guaranty Corporation

Retirement Plan Information

This schedule is required to be filed under section 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6058(a) of the Internal Revenue Code (the Code).

▶ **File as an attachment to Form 5500.**

OMB No. 1210-0110

2012

This Form is Open to Public Inspection.

For calendar plan year 2012 or fiscal plan year beginning 01/01/2012 and ending 12/31/2012

A Name of plan
MERIEUX NUTRISCIENCES & SUBSIDIARIES RETIREMENT PL

B Three-digit plan number (PN) ▶ 001

C Plan sponsor's name as shown on line 2a of Form 5500
MERIEUX NUTRISCIENCES CORP.

D Employer Identification Number (EIN)
43-1848483

Part I Distributions

All references to distributions relate only to payments of benefits during the plan year.

1 Total value of distributions paid in property other than in cash or the forms of property specified in the instructions **1** 0

2 Enter the EIN(s) of payor(s) who paid benefits on behalf of the plan to participants or beneficiaries during the year (if more than two, enter EINs of the two payors who paid the greatest dollar amounts of benefits):

EIN(s): 04-1590850

Profit-sharing plans, ESOPs, and stock bonus plans, skip line 3.

3 Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year. **3**

Part II Funding Information (If the plan is not subject to the minimum funding requirements of section of 412 of the Internal Revenue Code or ERISA section 302, skip this Part)

4 Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)? ..... ☐ **Yes** ☐ **No** ☐ **N/A**

If the plan is a defined benefit plan, go to line 8.

5 If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions and enter the date of the ruling letter granting the waiver. **Date:** Month _____ Day _____ Year _____

If you completed line 5, complete lines 3, 9, and 10 of Schedule MB and do not complete the remainder of this schedule.

6 a Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived) **6a**

b Enter the amount contributed by the employer to the plan for this plan year **6b**

c Subtract the amount in line 6b from the amount in line 6a. Enter the result (enter a minus sign to the left of a negative amount) **6c**

If you completed line 6c, skip lines 8 and 9.

7 Will the minimum funding amount reported on line 6c be met by the funding deadline? ..... ☐ **Yes** ☐ **No** ☐ **N/A**

8 If a change in actuarial cost method was made for this plan year pursuant to a revenue procedure or other authority providing automatic approval for the change or a class ruling letter, does the plan sponsor or plan administrator agree with the change? ..... ☐ **Yes** ☐ **No** ☐ **N/A**

Part III Amendments

9 If this is a defined benefit pension plan, were any amendments adopted during this plan year that increased or decreased the value of benefits? If yes, check the appropriate box. If no, check the "No" box. ..... ☐ **Increase** ☐ **Decrease** ☐ **Both** ☐ **No**

Part IV ESOPs (see instructions). If this is not a plan described under Section 409(a) or 4975(e)(7) of the Internal Revenue Code, skip this Part.

10 Were unallocated employer securities or proceeds from the sale of unallocated securities used to repay any exempt loan? ..... ☐ **Yes** ☐ **No**

11 a Does the ESOP hold any preferred stock? ..... ☐ **Yes** ☐ **No**

b If the ESOP has an outstanding exempt loan with the employer as lender, is such loan part of a "back-to-back" loan? (See instructions for definition of "back-to-back" loan.) ..... ☐ **Yes** ☐ **No**

12 Does the ESOP hold any stock that is not readily tradable on an established securities market? ..... ☐ **Yes** ☐ **No**

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

13 Enter the following information for each employer that contributed more than 5% of total contributions to the plan during the plan year (measured in dollars). See instructions. *Complete as many entries as needed to report all applicable employers.*

a Name of contributing employer

b EIN **c** Dollar amount contributed by employer

d Date collective bargaining agreement expires *(If employer contributes under more than one collective bargaining agreement, check box* ☐ *and see instructions regarding required attachment. Otherwise, enter the applicable date.)* Month _____ Day _____ Year _____

e Contribution rate information *(If more than one rate applies, check this box* ☐ *and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)*
(1) Contribution rate (in dollars and cents) _____
(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify):

---

a Name of contributing employer

b EIN **c** Dollar amount contributed by employer

d Date collective bargaining agreement expires *(If employer contributes under more than one collective bargaining agreement, check box* ☐ *and see instructions regarding required attachment. Otherwise, enter the applicable date.)* Month _____ Day _____ Year _____

e Contribution rate information *(If more than one rate applies, check this box* ☐ *and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)*
(1) Contribution rate (in dollars and cents) _____
(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

---

a Name of contributing employer

b EIN **c** Dollar amount contributed by employer

d Date collective bargaining agreement expires *(If employer contributes under more than one collective bargaining agreement, check box* ☐ *and see instructions regarding required attachment. Otherwise, enter the applicable date.)* Month _____ Day _____ Year _____

e Contribution rate information *(If more than one rate applies, check this box* ☐ *and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)*
(1) Contribution rate (in dollars and cents) _____
(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

---

a Name of contributing employer

b EIN **c** Dollar amount contributed by employer

d Date collective bargaining agreement expires *(If employer contributes under more than one collective bargaining agreement, check box* ☐ *and see instructions regarding required attachment. Otherwise, enter the applicable date.)* Month _____ Day _____ Year _____

e Contribution rate information *(If more than one rate applies, check this box* ☐ *and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)*
(1) Contribution rate (in dollars and cents) _____
(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

---

a Name of contributing employer

b EIN **c** Dollar amount contributed by employer

d Date collective bargaining agreement expires *(If employer contributes under more than one collective bargaining agreement, check box* ☐ *and see instructions regarding required attachment. Otherwise, enter the applicable date.)* Month _____ Day _____ Year _____

e Contribution rate information *(If more than one rate applies, check this box* ☐ *and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)*
(1) Contribution rate (in dollars and cents) _____
(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

---

a Name of contributing employer

b EIN **c** Dollar amount contributed by employer

d Date collective bargaining agreement expires *(If employer contributes under more than one collective bargaining agreement, check box* ☐ *and see instructions regarding required attachment. Otherwise, enter the applicable date.)* Month _____ Day _____ Year _____

e Contribution rate information *(If more than one rate applies, check this box* ☐ *and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)*
(1) Contribution rate (in dollars and cents) _____
(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

14 Enter the number of participants on whose behalf no contributions were made by an employer as an employer of the participant for:

a	The current year	**14a**	
b	The plan year immediately preceding the current plan year	**14b**	
c	The second preceding plan year	**14c**	

15 Enter the ratio of the number of participants under the plan on whose behalf no employer had an obligation to make an employer contribution during the current plan year to:

a	The corresponding number for the plan year immediately preceding the current plan year	**15a**	
b	The corresponding number for the second preceding plan year	**15b**	

16 Information with respect to any employers who withdrew from the plan during the preceding plan year:

a	Enter the number of employers who withdrew during the preceding plan year	**16a**	
b	If line 16a is greater than 0, enter the aggregate amount of withdrawal liability assessed or estimated to be assessed against such withdrawn employers	**16b**	

17 If assets and liabilities from another plan have been transferred to or merged with this plan during the plan year, check box and see instructions regarding supplemental information to be included as an attachment. ☐

Part VI Additional Information for Single-Employer and Multiemployer Defined Benefit Pension Plans

18 If any liabilities to participants or their beneficiaries under the plan as of the end of the plan year consist (in whole or in part) of liabilities to such participants and beneficiaries under two or more pension plans as of immediately before such plan year, check box and see instructions regarding supplemental information to be included as an attachment ☐

19 If the total number of participants is 1,000 or more, complete lines (a) through (c)

a Enter the percentage of plan assets held as:
Stock: _____% Investment-Grade Debt: _____% High-Yield Debt: _____% Real Estate: _____% Other: _____%

b Provide the average duration of the combined investment-grade and high-yield debt:
☐ 0-3 years ☐ 3-6 years ☐ 6-9 years ☐ 9-12 years ☐ 12-15 years ☐ 15-18 years ☐ 18-21 years ☐ 21 years or more

c What duration measure was used to calculate line 19(b)?
☐ Effective duration ☐ Macaulay duration ☐ Modified duration ☐ Other (specify):

Financial Statements and Supplemental Schedule

The Merieux NutriSciences & Subsidiaries Retirement Plan
December 31, 2012 and 2011,
and Year Ended December 31, 2012
With Report of Independent Auditors

Ernst & Young LLP

Ernst & Young

The Merieux NutriSciences & Subsidiaries Retirement Plan

Financial Statements and Supplemental Schedule

December 31, 2012 and 2011, and Year Ended December 31, 2012

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Report of Independent Auditors

The Plan Administrator
The Merieux NutriSciences & Subsidiaries Retirement Plan

Report on the Financial Statements

We were engaged to audit the accompanying financial statements of The Merieux NutriSciences & Subsidiaries Retirement Plan, which comprise the statements of net assets available for benefits as of December 31, 2012 and 2011, and the related statement of changes in net assets available for benefits for the year ended December 31, 2012, and the related notes to the financial statements.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in conformity with U.S. generally accepted accounting principles; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free of material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express an opinion on these financial statements based on conducting the audits in accordance with auditing standards generally accepted in the United States. Because of the matter described in the Basis for Disclaimer of Opinion paragraph, however, we were not able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion.

Basis for Disclaimer of Opinion

As permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974, the plan administrator instructed us not to perform, and we did not perform, any auditing procedures with respect to the certified investment information described in Note 3, except for comparing such information with the related information included in the financial statements. We have been informed by the plan administrator that the entities that certified the investment information meet the requirements of 29 CFR 2520.103-8. The plan administrator has obtained certifications as of December 31, 2012 and 2011, and for the year ended December 31, 2012, stating that the investment information provided to the plan administrator is complete and accurate.

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Disclaimer of Opinion on Financial Statements

Because of the significance of the matter described in the Basis for Disclaimer of Opinion paragraph, we have not been able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion. Accordingly, we do not express an opinion on these financial statements.

Disclaimer of Opinion on Supplemental Schedule

The accompanying supplemental schedule of assets (held at end of year) as of December 31, 2012, is presented for purposes of additional analysis and is not a required part of the financial statements but is supplementary information required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974. Because of the significance of the matter described in the Basis for Disclaimer of Opinion paragraph, we do not express an opinion on the supplemental schedule referred to above.

Report on Compliance of Form and Content With Department of Labor's Rules and Regulations

The form and content of the information included in the financial statements and supplemental schedule, other than that derived from the certified investment information, have been audited by us in accordance with auditing standards generally accepted in the United States and, in our opinion, are presented in compliance with the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974.

Ernst & Young LLP

October 14, 2013

A member firm of Ernst & Young Global Limited

The Merieux NutriSciences & Subsidiaries Retirement Plan

Statements of Net Assets Available for Benefits

	December 31	
	2012	**2011**
Assets		
Investments, at fair value	**$ 31,565,688**	$ 26,684,691
Notes receivable from participants	**1,162,630**	1,204,930
Total assets	**32,728,318**	27,889,621
Liabilities		
Excess contributions payable	**43,099**	283,487
Net assets reflecting investments at fair value	**32,685,219**	27,606,134
Adjustment from fair value to contract value for fully benefit-responsive investment contracts	**(242,780)**	(142,283)
Net assets available for benefits	**$ 32,442,439**	$ 27,463,851

See accompanying notes.

The Merieux NutriSciences & Subsidiaries Retirement Plan

Statement of Changes in Net Assets Available for Benefits

Year Ended December 31, 2012

Additions	
Interest and dividends	$ 147,639
Interest income on notes receivable from participants	50,467
	198,106
Contributions:	
Participant	2,560,166
Employer	892,237
Rollover	48,330
Total contributions	3,500,733
Total additions	3,698,839
Deductions	
Benefit payments	2,186,869
Administrative expenses	34,709
Total deductions	2,221,578
Net appreciation in fair value of investments – pooled separate accounts	3,501,327
Net increase	4,978,588
Net assets available for benefits:	
Beginning of year	27,463,851
End of year	$ 32,442,439

See accompanying notes.

The Merieux NutriSciences & Subsidiaries Retirement Plan

Notes to Financial Statements

December 31, 2012

1. Description of the Plan

The following description of The Merieux NutriSciences & Subsidiaries Retirement Plan (the Plan) provides general information about the Plan's provisions. Participants should refer to the plan document and summary plan description for a more complete description of the Plan's provisions, copies of which may be obtained from the plan sponsor.

General

The Plan is a defined-contribution plan covering substantially all full-time United States-based employees of Merieux NutriSciences Corporation (the Company) who have met certain eligibility requirements. Effective March 1, 2011, participants are eligible after completing 60 days of service and are age 21 or older. Prior to March 1, 2011, participants were eligible after completing one year of service and were age 21 or older. Eligible participants are automatically enrolled in the Plan once they have attained 21 years of age and have completed 60 days of service, unless they affirmatively decline to participate.

On April 1, 2011, the Company acquired Provident Clinical Research & Consulting, a wholly owned subsidiary of Biofortis, N.A. On April 1, 2011, as a result of the transaction, employees of Provident Clinical Research & Consulting were eligible to participate in the Plan.

The Merieux NutriSciences Corp. Investment Plan Committee (the Committee) is responsible for the general administration of the Plan. State Street Bank and Trust Company and Massachusetts Mutual Life Insurance Company are the custodians of the Plan. The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974, as amended (ERISA).

Contributions

Each year, participants may contribute up to 100% of pretax and/or aftertax (Roth) annual compensation, as defined in the Plan. Participants may also contribute amounts representing distributions from other qualified plans. Upon meeting the eligibility requirements, a participant will be automatically enrolled in the Plan. The automatic deferral is set at 3% of eligible compensation until changed by the participant. Participants who have attained age 50 before the end of the year are eligible to make catch-up contributions.

1. Description of the Plan (continued)

The Company contributes 50% of the first 6% of compensation that a participant contributes to the Plan. Additional discretionary matching contributions may be contributed at the discretion of the Company's board of directors. No such amounts were contributed for 2012. All contributions are subject to certain limitations of the Internal Revenue Code (the Code).

Participants direct their elective contributions into various investment options offered by the Plan and can change their investment options on a daily basis. If a participant is automatically enrolled, his or her contributions are invested in the default investment fixed interest fund until the participant changes his or her election. The Company's contributions are allocated in the same manner as that of the participant's elective contributions.

Participant Accounts

Each participant's account is credited with the participant's contributions and the Company's matching contributions and allocations of plan earnings and is charged with an allocation of administrative expenses. Plan earnings are allocated based on the participant's share of net earnings or losses of his or her respective elected investment options. Allocations of administrative expenses are based on the participant's account balances, as defined. The benefit to which a participant is entitled is the benefit that can be provided from the participant's vested account.

Vesting

Participants are immediately vested in their contributions plus actual earnings thereon. Vesting in the Company's matching contributions is based on years of service. A participant is 100% vested after five years of credited service.

Forfeitures

Upon termination of employment, participants forfeit their nonvested balances. Forfeited balances of terminated participants' nonvested accounts are used to reduce future Company contributions. Unallocated forfeiture balances as of December 31, 2012 and 2011, were $35,739 and $423, respectively, and forfeitures used to reduce Company contributions for 2012 were $27,208.

1. Description of the Plan (continued)

Participant Loans

Participants may borrow from their accounts to a maximum equal to the lesser of $50,000 or 50% of their vested account balance, not less than $1,000. Loan terms range from 1 to 5 years or up to 20 years for the purchase of a primary residence. A participant may not have more than two loans outstanding at any point in time. The loans bear interest at a rate commensurate with local prevailing rates at the date of issuance as determined quarterly by the plan administrator. Principal and interest are paid ratably through monthly payroll deductions. If a participant terminates employment with the Company, he or she has six months to repay the loan. If the loan is not repaid in a six-month period, it will automatically be treated as a deemed distribution to the participant.

Payment of Benefits

Upon separation from service with the Company due to death, disability, retirement, or termination, a participant whose vested account balance exceeds $5,000 may elect to receive either a lump sum or may elect installment payments. A participant whose vested account balance is $5,000 or less and has not commenced receiving installment payments will automatically receive an immediate lump-sum distribution equal to his or her vested account balance.

In-service withdrawals are available in certain limited circumstances, as defined by the Plan. Hardship withdrawals are allowed for participants incurring an immediate financial need, as defined by the Plan. Hardship withdrawals are strictly regulated by the Internal Revenue Service (IRS), and a participant must exhaust all available loan options and available distributions prior to requesting a hardship withdrawal.

Administrative Expenses

The Plan's administrative expenses are paid by either the Plan or the Company, as provided by the Plan's provisions. Administrative expenses paid by the Plan include record-keeping and trustee fees. Expenses relating to purchases, sales, or transfers of the Plan's investments are charged to the particular investment fund to which the expenses relate. All other administrative expenses of the Plan are paid by the Company.

1. Description of the Plan (continued)

Plan Termination

Although it has not expressed any intent to do so, the Company has the right under the Plan to discontinue its contributions at any time and to terminate the Plan subject to the provisions of ERISA. In the event the Plan terminates, participants will become 100% vested in their accounts.

2. Summary of Significant Accounting Policies

Basis of Accounting

The accompanying financial statements have been prepared on the accrual basis of accounting.

Payment of Benefits

Benefits are recorded when paid.

Notes Receivable From Participants

Notes receivable from participants represent participant loans that are recorded at their unpaid principal balance plus any accrued but unpaid interest. Interest income on notes receivable from participants is recorded when it is earned. Related fees are recorded as administrative expenses and are expensed when they are incurred. No allowance for credit losses has been recorded as of December 31, 2012 or 2011. If a participant ceases to make loan repayments and the plan administrator deems the participant loan to be a distribution, the participant loan balance is reduced and a benefit payment is recorded.

Excess Contributions Payable

Amounts payable to participants for contributions in excess of amounts allowed by the IRS are recorded as a liability with a corresponding reduction to contributions.

2. Summary of Significant Accounting Policies (continued)

Use of Estimates

The preparation of financial statements in conformity with generally accepted accounting principles requires management to make estimates that affect the amounts reported in the financial statements and accompanying notes and supplemental schedule. Actual results could differ from those estimates.

Investment Valuation and Income Recognition

Investments held by the Plan are stated at fair value. Fair value is defined as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date (an exit price). See Note 4 for further discussion and disclosures related to fair value measurements.

The Plan invests in a fully benefit-responsive guaranteed investment contract (GIC). Since this contract is fully benefit-responsive, an adjustment is reflected in the statements of net assets available for benefits to present this investment at contract value. Contract value is the relevant measurement attributable to fully benefit-responsive investment contracts because contract value is the amount participants would receive if they were to initiate permitted transactions under the terms of the Plan. The contract value of the fully benefit-responsive investment contracts represents contributions plus earnings, less participant withdrawals and administrative expenses.

Purchases and sales of securities are recorded on a trade-date basis. Interest income is recorded as earned. Dividends are recorded on the ex-dividend date. Net appreciation or depreciation includes the Plan's gains and losses on investments bought and sold as well as held during the year.

2. Summary of Significant Accounting Policies (continued)

New Accounting Pronouncements

In May 2011, the Financial Accounting Standards Board issued Accounting Standards Update (ASU) 2011-04, *Amendments to Achieve Common Fair Value Measurements and Disclosure Requirements in U.S. GAAP and IFRSs.* ASU 2011-04 amended Accounting Standards Codification (ASC) 820, *Fair Value Measurement,* to converge the fair value measurement guidance in U.S. GAAP and International Financial Reporting Standards (IFRSs). Some of the amendments clarify the application of existing fair value measurement requirements, while other amendments change a particular principle in ASC 820. In addition, ASU 2011-04 requires additional fair value disclosures, although certain of these new disclosures will not be required for nonpublic entities. The amendments are to be applied prospectively and are effective for annual periods beginning after December 15, 2011. Adoption of ASU 2011-04 did not have an effect on the Plan's net assets available for benefits or its changes in net assets available for benefits.

3. Investments

Individual investments that represent 5% or more of the Plan's net assets available for benefits are as follows:

	December 31	
	2012	**2011**
Fixed Interest Fund (at contract value)	**$ 4,873,253**	$ 4,264,229
Retirement 2030 Fund	**4,034,846**	3,318,399
Retirement 2020 Fund	**2,667,938**	2,305,842
Retirement 2040 Fund	**2,611,244**	2,119,879
Retirement 2050 Fund	**1,898,667**	1,381,582
Prime Core Bond Fund	**2,723,332**	1,804,491
Select Indexed Equity Fund	**1,814,267**	1,586,060
Value Fund	*****	1,528,310
Select Blue Chip Growth Fund	**2,064,994**	1,899,176

*Investment is less than 5%.

3. Investments (continued)

All investment information disclosed in the accompanying financial statements and supplemental schedule, including investments held, notes receivable from participants and the adjustment from fair value to contract value for fully benefit-responsive investment contracts at December 31, 2012 and 2011, and net appreciation in fair value of investments, interest, dividends, and interest income on notes receivable from participants for the year ended December 31, 2012, was obtained or derived from information provided to the plan administrator and certified as complete and accurate by State Street Bank and Trust Company and Massachusetts Mutual Life Insurance Company, the custodians of the Plan.

4. Fair Value Measurements

Fair value is defined as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date (i.e., an exit price). The fair value hierarchy prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets and liabilities (Level 1) and the lowest priority to unobservable inputs (Level 3). The three levels of the fair value hierarchy are described below:

Level 1 – Unadjusted quoted prices in active markets that are accessible to the reporting entity at the measurement date for identical assets and liabilities.

Level 2 – Inputs other than quoted prices in active markets for identical assets and liabilities that are observable either directly or indirectly for substantially the full term of the asset or liability. Level 2 inputs include the following:

- Quoted prices for similar assets and liabilities in active markets
- Quoted prices for identical or similar assets or liabilities in markets that are not active
- Observable inputs other than quoted prices that are used in the valuation of the asset or liabilities (e.g., interest rate and yield curve quotes at commonly quoted intervals)
- Inputs that are derived principally from or corroborated by observable market data by correlation or other means

Level 3 – Unobservable inputs for the asset or liability (i.e., supported by little or no market activity). Level 3 inputs include management's own assumption about the assumptions that market participants would use in pricing the asset or liability (including assumptions about risk).

4. Fair Value Measurements (continued)

The level in the fair value hierarchy within which the fair value measurement is classified is determined based on the lowest level input that is significant to the fair value measurement in its entirety.

Following is a description of the valuation techniques and inputs used for each major class of assets measured at fair value by the Plan.

Pooled separate accounts (PSA) − Valued using the net asset value (NAV) on the last business day of the plan year provided by the administrator. The NAV is based on the underlying assets owned by the Fund, minus its liabilities, and then divided by the number of units outstanding.

GIC − Valued using market value of underlying assets in a separate account maintained for contributions supporting the GIC.

There have been no changes in the methodologies used at December 31, 2012 or 2011. During 2012, the Company determined the classification for the GIC to be Level 2. Accordingly, the GIC has been presented as a Level 2 investment as of December 31, 2011 for comparative purposes.

The following tables set forth by level, within the fair value hierarchy, the Plan's assets carried at fair value.

	Assets at Fair Value as of December 31, 2012			
	Level 1	**Level 2**	**Level 3**	**Total**
Pooled separate accounts:				
Fixed income [(a)]	**$ –**	**$ 2,723,332**	**$ –**	**$ 2,723,332**
Allocation/lifestyle [(b)]	**–**	**12,605,841**	**–**	**12,605,841**
Large cap equities [(c)]	**–**	**1,814,267**	**–**	**1,814,267**
Mid cap equities [(c)]	**–**	**639,002**	**–**	**639,002**
Multi cap equities [(c)]	**–**	**4,788,788**	**–**	**4,788,788**
Small cap equities [(c)]	**–**	**1,421,835**	**–**	**1,421,835**
International equities [(c)]	**–**	**2,456,591**	**–**	**2,456,591**
Fixed interest fund	**–**	**5,116,032**	**–**	**5,116,032**
Total assets at fair value	**$ –**	**$ 31,565,688**	**$ –**	**$ 31,565,688**

4. Fair Value Measurements (continued)

	Assets at Fair Value as of December 31, 2011			
	Level 1	**Level 2**	**Level 3**	**Total**
Pooled separate accounts:				
Fixed income [(a)]	$ –	$ 1,804,491	$ –	$ 1,804,491
Allocation/lifestyle [(b)]	–	10,090,561	–	10,090,561
Large cap equities [(c)]	–	1,586,060	–	1,586,060
Mid cap equities [(c)]	–	703,376	–	703,376
Multi cap equities [(c)]	–	4,712,318	–	4,712,318
Small cap equities [(c)]	–	1,288,655	–	1,288,655
International equities [(c)]	–	2,092,718	–	2,092,718
Fixed interest fund	–	4,406,512	–	4,406,512
Total assets at fair value	$ –	$ 26,684,691	$ –	$ 26,684,691

[(a)] This category includes pooled separate accounts that are designed to preserve capital with lower risk investments and include commercial paper, certificates of deposit, corporate obligations, and securities issued or guaranteed by the U.S. government or its agencies. There are currently no redemption restrictions on these investments.

[(b)] This category includes investments in highly diversified funds designed to remain appropriate for investors in terms of risk throughout a variety of life circumstances. These pooled separate accounts share the common goal of first growing and then later preserving principal and contain a mix of U.S. common stocks, U.S.-issued bonds, and cash. There are currently no redemption restrictions on these investments.

[(c)] This category includes pooled separate accounts that invest in mutual funds with underlying investments in equities. They include U.S. and non-U.S. investments; they seek long-term capital appreciation; and they also seek to match the performance of published indexes. Other strategies include capital growth by investing in common stocks. No redemption restrictions apply at the plan level.

5. Reconciliation of Financial Statements to Form 5500

The following is a reconciliation of net assets available for benefits per the financial statements at December 31 to the Form 5500:

	2012	2011
Net assets available for benefits per the financial statements	**$ 32,442,439**	$ 27,463,851
Add excess contributions payable	**43,099**	283,487
Net assets available for benefits per the Form 5500	**$ 32,485,538**	$ 27,747,338

The following is a reconciliation of net income per the financial statements for the year ended December 31, 2012, to the Form 5500:

Net income per the financial statements	$ 4,978,588
Change in excess contributions	(240,388)
Net income per the Form 5500	$ 4,738,200

6. Investment Contract With Insurance Company

The Plan invests in a fully benefit-responsive GIC. The issuer maintains the contributions in a general account. The account is credited with participant contributions plus earnings and charged for participant withdrawals and administrative expenses. The issuer is contractually obligated to repay the principal and a specified interest rate that is guaranteed to the Plan. The crediting interest rate is based on a formula agreed upon with the issuer, but may not be less than 4%. Such interest rates are reviewed and may be reset on a quarterly basis.

Certain events limit the ability of the Plan to transact at contract value with the insurance company and the financial institution issuer. Such events include (1) amendments to the plan documents (including complete or partial plan termination or merger with another plan), (2) changes to the Plan's prohibition on competing investment options or deletion of equity wash provisions, (3) bankruptcy of the plan sponsor or other plan sponsor events (for example, divestitures or spin-offs of a subsidiary) that cause a significant withdrawal from the Plan, or (4) the failure of the trust to qualify for exemption from federal income taxes or any required prohibited transaction exemption under ERISA. The plan administrator does not believe that the occurrence of any such events which would limit the Plan's ability to transact at contract value with participants is probable.

6. Investment Contract With Insurance Company (continued)

If an event of default occurs and is not cured, the nondefaulting party may terminate the contract. The following may cause the Plan to be in default:

- A breach of material obligation under the contract
- A material misrepresentation
- A material amendment to the plan agreement

The issuer may be in default if it breaches a material obligation under the investment contract, makes a material misrepresentation, has a decline in its long-term credit rating below a threshold set forth in the contract, or is acquired or reorganized and the successor issuer does not satisfy the investment or credit guidelines applicable to issuers. If, in the event of default of an issuer, the Plan were unable to obtain a replacement investment contract, withdrawing participants may experience losses if the value of the Plan's assets no longer covered by the contract is below contract value. The Plan may seek to add additional issuers over time to diversify the Plan's exposure to such risk, but there is no assurance the Plan may be able to do so. The combination of the default of an issuer and an inability to obtain a replacement agreement could render the Plan unable to achieve its objective of maintaining a stable contract value. The terms of an investment contract generally provide for settlement of payments only upon termination of the contract or total liquidation of the covered investments. Generally, payments will be made pro rata, based on the percentage of investments covered by each issuer. Contract termination occurs whenever the contract value or market value of the covered investments reaches zero or upon certain events of default. If the contract terminates due to issuer default (other than a default occurring because of a decline in its rating), the issuer will generally be required to pay to the Plan the excess, if any, of contract value over market value on the date of termination. Contract termination also may occur by either party upon election and notice. Because the GIC is fully benefit-responsive, contract value is the relevant measurement attribute for that portion of the net assets available for benefits attributable to the GIC.

Participants may ordinarily direct the withdrawal or transfer of all or a portion of their investment at contract value.

Average Yields for GIC	2012	2011
Based on actual earnings	**3.11%**	2.95%
Based on interest rate credited to participants	**3.11%**	2.95%

7. Risks and Uncertainties

The Plan invests in various investment securities. Investment securities are exposed to various risks such as interest rate, market volatility, and credit. Due to the level of risk associated with certain investment securities, it is at least reasonably possible that changes in the values of investment securities will occur in the near term and that such changes could materially affect participants' account balances and the amounts reported in the statements of net assets available for benefits.

8. Related-Party Transactions

The Plan holds units of PSAs and a GIC managed by Massachusetts Mutual Life Insurance Company, the custodian of the Plan. These transactions qualify as party-in-interest transactions; however, they are exempt from the prohibited transactions rules under ERISA.

9. Tax Status

The underlying nonstandardized prototype plan has received an opinion letter from the IRS dated May 11, 2009, stating that the form of the plan is qualified under Section 401(a) of the Code and, therefore, the related trust is tax-exempt. In accordance with Revenue Procedures 2012-6 and 2011-49, the plan administrator has determined that it is eligible to and has chosen to rely on the current IRS prototype plan opinion letter. Once qualified, the Plan is required to operate in conformity with the Code to maintain its qualified status. The plan administrator believes the Plan is being operated in compliance with the applicable requirements of the Code and, therefore, believes that the Plan is qualified and the related trust is tax-exempt.

Accounting principles generally accepted in the United States require plan management to evaluate uncertain tax positions taken by the Plan. The financial statement effects of a tax position are recognized when the position is more likely than not, based on the technical merits, to be sustained upon examination by the IRS. The plan administrator has analyzed the tax positions taken by the Plan and has concluded that as of December 31, 2012, there are no uncertain positions taken or expected to be taken. The Plan has recognized no interest or penalties related to uncertain tax positions. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress. The plan administrator believes it is no longer subject to income tax examinations for years prior to 2009.

10. Subsequent Events

Effective July 1, 2013, the Committee changed the custodian of the Plan from State Street Bank and Trust Company and Massachusetts Life Insurance Company to Charles Schwab Bank.

Management evaluated subsequent events for the Plan through October 14, 2013, the date the financial statements were available to be issued. Other than above, there were no subsequent events related to the Plan that require disclosure in the financial statements.

Supplemental Schedule

The Merieux NutriSciences & Subsidiaries Retirement Plan

Schedule H, Line 4i – Schedule of Assets
(Held at End of Year)

EIN 36-3691830 Plan 001

December 31, 2012

Identity of Issuer, Borrower, Lessor, or Similar Party	Description of Investment, Including Maturity Date, Rate of Interest, Collateral, Par, or Maturity Value	Cost	Current Value
* Massachusetts Mutual Life Insurance Company	Fixed Interest Fund	**	$ 4,873,253
* Massachusetts Mutual Life Insurance Company	Retirement Income Fund	**	540,319
* Massachusetts Mutual Life Insurance Company	Retirement 2010 Fund	**	852,826
* Massachusetts Mutual Life Insurance Company	Small Cap Growth Equity Fund	**	890,006
* Massachusetts Mutual Life Insurance Company	Prime Core Bond Fund	**	2,723,332
* Massachusetts Mutual Life Insurance Company	Premium International Equity Fund	**	1,395,731
* Massachusetts Mutual Life Insurance Company	Retirement 2020 Fund	**	2,667,938
* Massachusetts Mutual Life Insurance Company	Select Focus Value Fund	**	1,343,426
* Massachusetts Mutual Life Insurance Company	Select Indexed Equity Fund	**	1,814,267
* Massachusetts Mutual Life Insurance Company	Small Company Value Fund	**	531,829
* Massachusetts Mutual Life Insurance Company	Retirement 2050 Fund	**	1,898,667
* Massachusetts Mutual Life Insurance Company	Retirement 2030 Fund	**	4,034,846
* Massachusetts Mutual Life Insurance Company	Retirement 2040 Fund	**	2,611,244
* Massachusetts Mutual Life Insurance Company	Mid Cap Value Fund	**	259,387
* Massachusetts Mutual Life Insurance Company	Value Fund	**	1,380,368
* Massachusetts Mutual Life Insurance Company	Select Blue Chip Growth Fund	**	2,064,994
* Massachusetts Mutual Life Insurance Company	Mid Cap Growth II Fund	**	379,615
* Massachusetts Mutual Life Insurance Company	International New Discovery Fund	**	1,060,860
			31,322,908
* Loans to participants	Varying maturity dates with interest rates ranging from 4.25% to 10.50%		1,162,630
			$ 32,485,538

*Represents a party in interest to the Plan.
** Participant-directed investment, cost not required.

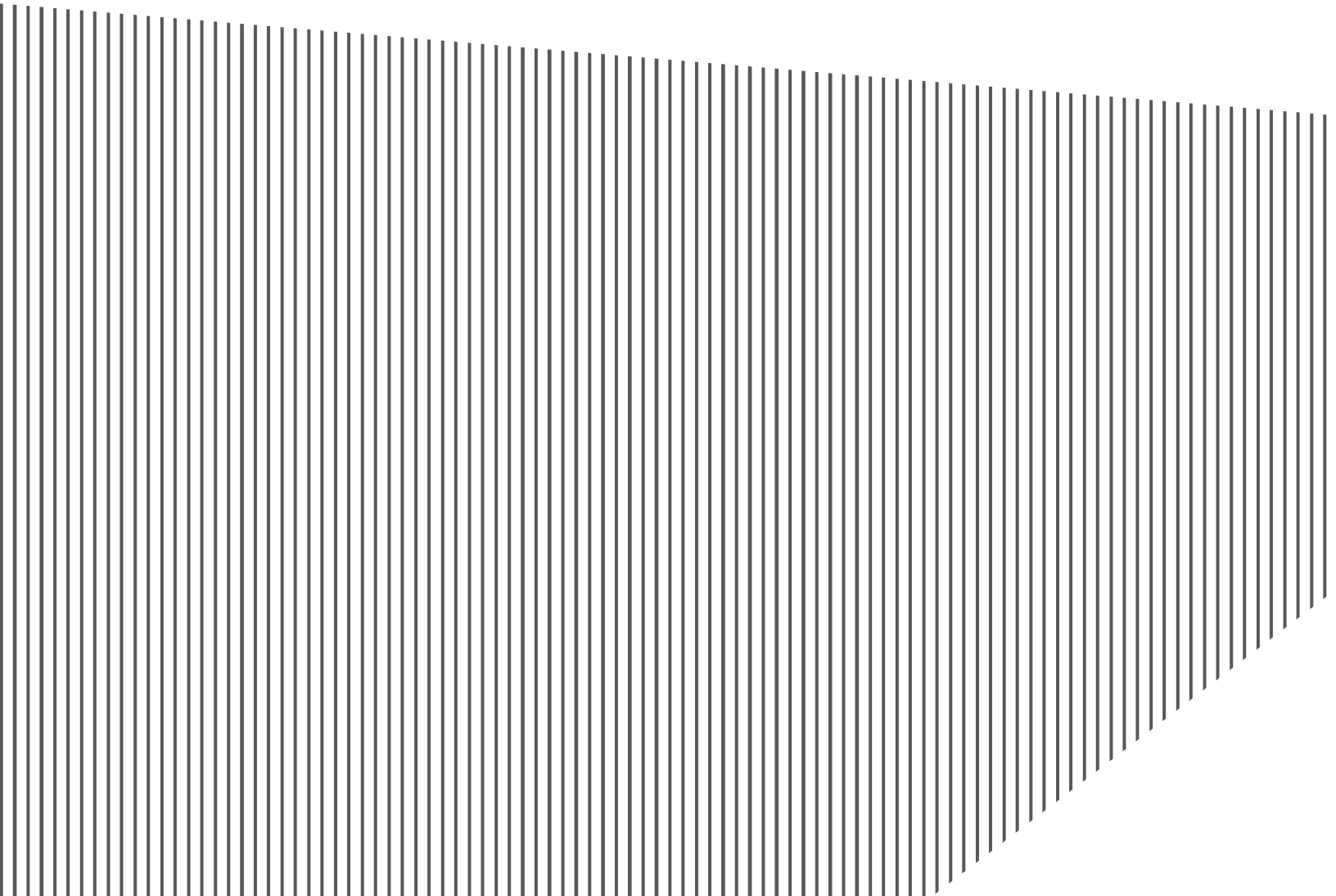
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A Name of Plan	B Three-digit plan Number
Merieux NutriSciences & Subsidiaries Retirement Plan	**001**
C Plan sponsor's name as shown on line 2a of Form 5500	**D Employer Identification Number**
Merieux NutriSciences Corp.	**431848483**

Schedule H, line 4i - Schedule of Assets (Held At End of Year)

(a)	(b) Identity of issue, borrower, lessor, or similar part	(c) Description of investment including maturity date, rate of interest,collateral, par, or maturity value	(d) Cost	(e) Current Value
*	MassMutual	Guaranteed Interest Account	4,873,251	4,873,251
*	MassMutual	Holding Account (GIA)	2	2
*	MassMutual	SIA-BT	478,286	540,319
*	MassMutual	SIA-FT	784,074	852,826
*	MassMutual	SIA-LC	819,734	890,006
*	MassMutual	SIA-LE	2,544,073	2,723,332
*	MassMutual	SIA-LI	1,192,530	1,395,731
*	MassMutual	SIA-LT	2,320,510	2,667,938
*	MassMutual	SIA-LV	1,104,644	1,343,426
*	MassMutual	SIA-LW	0	0
*	MassMutual	SIA-LX	1,604,732	1,814,267
*	MassMutual	SIA-LY	466,209	531,829
*	MassMutual	SIA-OT	1,702,006	1,898,667
*	MassMutual	SIA-PT	3,406,700	4,034,846
*	MassMutual	SIA-QT	2,257,524	2,611,244
*	MassMutual	SIA-TI	242,061	259,387
*	MassMutual	SIA-VV	1,301,667	1,380,368
*	MassMutual	SIA-W1	1,977,597	2,064,994
*	MassMutual	SIA-W9	348,921	379,615
*	MassMutual	SIA-WR	899,845	1,060,860
	Participant Loans	4.250000 - 10.50000	0	1,162,630

A Name of Plan	B Three-digit plan Number
Merieux NutriSciences & Subsidiaries Retirement Plan	**001**
C Plan sponsor's name as shown on line 2a of Form 5500	**D Employer Identification Number**
Merieux NutriSciences Corp.	**431848483**

Schedule C Formula Description and/or EIC Statement Description

Service Provider Name	Service Provider EIN	Service Provider Address	Formula / EIC Statement
Janus	841458637		MassMutual provided the Plan with the required written disclosure for Management Fees received by Janus with respect to the Mid Cap Value (Perkins) - Class S separate account (SIA-TI).
Massachusetts Mutual Life Insurance Company	041590850		MassMutual provided the plan with the required written disclosure for soft dollar compensation received by the subadviser with respect to the Premier Int'l Equity (OFI Inst) - Class L separate account (SIA-LI).
Massachusetts Mutual Life Insurance Company	041590850		MassMutual provided the plan with the required written disclosure for soft dollar compensation received by the subadviser with respect to the Sel Blue Chip Growth (T.Rowe Price) - Class L separate account (SIA-W1).
Massachusetts Mutual Life Insurance Company	041590850		MassMutual provided the plan with the required written disclosure for soft dollar compensation received by the subadviser with respect to the Sel Sm Cp Gr (W&R/Wllngtn/Tmbrln) - Class L separate account (SIA-LC).
Massachusetts Mutual Life Insurance Company	041590850		MassMutual provided the plan with the required written disclosure for soft dollar compensation received by the subadviser with respect to the Sel SmCoVal (Fed Clov/TRP/ERNST) - Class L separate account (SIA-LY).
Massachusetts Mutual Life Insurance Company	041590850		MassMutual provided the plan with the required written disclosure for soft dollar compensation received by the subadviser with respect to the Select Focused Value (Harris) - Class L separate account (SIA-LV).
Massachusetts Mutual Life Insurance Company	041590850		MassMutual provided the plan with the required written disclosure for soft dollar compensation received by the subadviser with respect to the Select Mid Cap Gr II (TRP/Frontier) - Class L separate account (SIA-W9).
Massachusetts Mutual Life Insurance Company	041590850		MassMutual provided the plan with the required written disclosure for 12b-1 Fees received by MassMutual with respect to the Int'l New Discovery (MFS) - Class A separate account (SIA-WR).
Massachusetts Mutual Life Insurance Company	041590850		MassMutual provided the plan with the required written disclosure for 12b-1 Fees received by MassMutual with respect to the Mid Cap Value (Perkins) - Class S separate account (SIA-TI).
Massachusetts Mutual Life Insurance Company	041590850		MassMutual provided the plan with the required written disclosure for 12b-1 Fees received by MassMutual with respect to the Retirement 2010 (T. Rowe Price) - Class A separate account (SIA-FT).
Massachusetts Mutual Life Insurance Company	041590850		MassMutual provided the plan with the required written disclosure for 12b-1 Fees received by MassMutual with respect to the Retirement 2020 (T. Rowe Price) - Class A separate account (SIA-LT).
Massachusetts Mutual Life Insurance Company	041590850		MassMutual provided the plan with the required written disclosure for 12b-1 Fees received by MassMutual with respect to the Retirement 2030 (T. Rowe Price) - Class A separate account (SIA-PT).
Massachusetts Mutual Life Insurance Company	041590850		MassMutual provided the plan with the required written disclosure for 12b-1 Fees received by MassMutual with respect to the Retirement 2040 (T. Rowe Price) - Class A separate account (SIA-QT).
Massachusetts Mutual Life Insurance Company	041590850		MassMutual provided the plan with the required written disclosure for 12b-1 Fees received by MassMutual with respect to the Retirement 2050 (T. Rowe Price) - Class A separate account (SIA-OT).
Massachusetts Mutual Life Insurance Company	041590850		MassMutual provided the plan with the required written disclosure for 12b-1 Fees received by MassMutual with respect to the Retirement Income (T. Rowe Price) - Class A separate

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		account (SIA-BT).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the plan with the required written disclosure for 12b-1 Fees received by MassMutual with respect to the Value (MFS) - Class 3 separate account (SIA-VV).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the Plan with the required written disclosure for float revenue received by MassMutual.
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the Plan with the required written disclosure for Management Fees received by MassMutual with respect to MM S&P 500 Index (Northern Trust) - Class L (SIA-LX).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the Plan with the required written disclosure for Management Fees received by MassMutual with respect to Premier Core Bond (Babson) - Class L (SIA-LE).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the Plan with the required written disclosure for Management Fees received by MassMutual with respect to Premier Int'l Equity (OFI Inst) - Class L (SIA-LI).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the Plan with the required written disclosure for Management Fees received by MassMutual with respect to Premier Money Market (Babson) - Class S (SIA-LG).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the Plan with the required written disclosure for Management Fees received by MassMutual with respect to SAGIC (51546).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the Plan with the required written disclosure for Management Fees received by MassMutual with respect to Sel Blue Chip Growth (T.Rowe Price) - Class L (SIA-W1).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the Plan with the required written disclosure for Management Fees received by MassMutual with respect to Sel Sm Cp Gr (W&R/Wllngtn/Tmbrln) - Class L (SIA-LC).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the Plan with the required written disclosure for Management Fees received by MassMutual with respect to Sel SmCoVal (Fed Clov/TRP/ERNST) - Class L (SIA-LY).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the Plan with the required written disclosure for Management Fees received by MassMutual with respect to Select Focused Value (Harris) - Class L (SIA-LV).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual provided the Plan with the required written disclosure for Management Fees received by MassMutual with respect to Select Mid Cap Gr II (TRP/Frontier) - Class L (SIA-W9).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of (32 basis points * plan assets) with respect to the Premier Int'l Equity (OFI Inst) - Class L separate account (SIA-LI).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of (33 basis points * plan assets) with respect to the MM S&P 500 Index (Northern Trust) - Class L separate account (SIA-LX).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of (39 basis points * plan assets) with respect to the Premier Core Bond (Babson) - Class L separate account (SIA-LE).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of (41 basis points * plan assets) with respect to the Sel Blue Chip Growth (T.Rowe Price) - Class L separate account (SIA-W1).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of (42 basis points * plan assets) with respect to the Select Mid Cap Gr II (TRP/Frontier) - Class L separate account (SIA-W9).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of (43 basis points * plan assets) with respect to the Select Focused Value (Harris) - Class L separate account (SIA-LV).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of (44 basis points * plan assets) with respect to the Sel SmCoVal (Fed Clov/TRP/ERNST) - Class L separate account (SIA-LY).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of (46 basis points * plan assets) with respect to the Sel Sm Cp Gr (W&R/Wllngtn/Tmbrln) - Class L separate account (SIA-LC).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Administrative Fees of (8 basis points * plan assets) with respect to the Premier Money Market (Babson) - Class S separate account (SIA-LG).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Sub-TA Fees of (15 basis points * plan assets) with respect to the Int'l New Discovery (MFS) - Class A separate account (SIA-WR).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Sub-TA Fees of (15 basis points * plan assets) with respect to the Retirement 2010 (T. Rowe Price) - Class A separate account (SIA-FT).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Sub-TA Fees of (15 basis points * plan assets) with respect to the Retirement 2020 (T. Rowe Price) - Class A separate account (SIA-LT).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Sub-TA Fees of (15 basis points * plan assets) with respect to the Retirement 2030 (T. Rowe Price) - Class A separate account (SIA-PT).

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Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Sub-TA Fees of (15 basis points * plan assets) with respect to the Retirement 2040 (T. Rowe Price) - Class A separate account (SIA-QT).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Sub-TA Fees of (15 basis points * plan assets) with respect to the Retirement 2050 (T. Rowe Price) - Class A separate account (SIA-OT).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Sub-TA Fees of (15 basis points * plan assets) with respect to the Retirement Income (T. Rowe Price) - Class A separate account (SIA-BT).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Sub-TA Fees of (25 basis points * plan assets) with respect to the Mid Cap Value (Perkins) - Class S separate account (SIA-TI).
Massachusetts Mutual Life Insurance Company	041590850	MassMutual received estimated Sub-TA Fees of (25 basis points * plan assets) with respect to the Value (MFS) - Class 3 separate account (SIA-VV).
MFS Investment Management	043287965	MassMutual provided the Plan with the required written disclosure for Management Fees received by MFS Investment Management with respect to the Value (MFS) - Class 3 separate account (SIA-VV).
MFS Investment Management	043379729	MassMutual provided the Plan with the required written disclosure for Management Fees received by MFS Investment Management with respect to the Int'l New Discovery (MFS) - Class A separate account (SIA-WR).
State Street Global Markets	043464336	State Street Global Markets provided the Plan with the required written disclosure for commissions received by State Street Global Markets with respect to the SDBA.
T. Rowe Price	200001631	MassMutual provided the Plan with the required written disclosure for Management Fees received by T. Rowe Price with respect to the Retirement 2010 (T. Rowe Price) - Class A separate account (SIA-FT).
T. Rowe Price	200001634	MassMutual provided the Plan with the required written disclosure for Management Fees received by T. Rowe Price with respect to the Retirement 2020 (T. Rowe Price) - Class A separate account (SIA-LT).
T. Rowe Price	200001636	MassMutual provided the Plan with the required written disclosure for Management Fees received by T. Rowe Price with respect to the Retirement 2030 (T. Rowe Price) - Class A separate account (SIA-PT).
T. Rowe Price	200001638	MassMutual provided the Plan with the required written disclosure for Management Fees received by T. Rowe Price with respect to the Retirement 2040 (T. Rowe Price) - Class A separate account (SIA-QT).
T. Rowe Price	510612044	MassMutual provided the Plan with the required written disclosure for Management Fees received by T. Rowe Price with respect to the Retirement 2050 (T. Rowe Price) - Class A separate account (SIA-OT).
T. Rowe Price	562294396	MassMutual provided the Plan with the required written disclosure for Management Fees received by T. Rowe Price with respect to the Retirement Income (T. Rowe Price) - Class A separate account (SIA-BT).

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Schedule C Soft Dollar Compensation
Eligible Indirect Compensation Statement

Mutual fund investments of the plan (whether direct or indirect through a separate investment account) may have soft dollar arrangements pursuant to which the investment advisor or sub-advisor to the mutual fund (and/or its affiliates) may direct trades to certain brokers in exchange for research and other services, other than just trade execution. For plans investing directly or indirectly in the MassMutual Premier or Select Funds, MassMutual provided the required written disclosure regarding soft dollar compensation on the Schedule C Formula Description and/or EIC Statement Description Attachment. For all other mutual funds, MassMutual provided the required written disclosure in the Statement of Additional Information ("SAI").

For additional information on soft dollar compensation, refer to the section of the mutual fund's SAI that discusses brokerage allocation and other practices.

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