

<p style="text-align: center;">Form 5500</p> <p style="font-size: small;">Department of the Treasury Internal Revenue Service</p> <hr/> <p style="font-size: small;">Department of Labor Employee Benefits Security Administration</p> <hr/> <p style="font-size: x-small;">Pension Benefit Guaranty Corporation</p>	<p>Annual Return/Report of Employee Benefit Plan</p> <p style="font-size: x-small;">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 6057(b) and 6058(a) of the Internal Revenue Code (the Code).</p> <p style="text-align: center;">▶ Complete all entries in accordance with the instructions to the Form 5500.</p>	<p style="font-size: x-small;">OMB Nos. 1210-0110 1210-0089</p> <hr/> <p style="font-size: large; text-align: center;">2024</p> <hr/> <p style="text-align: center;">This Form is Open to Public Inspection</p>
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Part I Annual Report Identification Information
 For calendar plan year 2024 or fiscal plan year beginning 01/01/2024 and ending 12/31/2024

A This return/report is for: a multiemployer plan a multiple-employer plan (Filers checking this box must provide participating employer information in accordance with the form instructions.)

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: Form 5558 automatic extension the DFVC program

special extension (enter description)

E If this is a retroactively adopted plan permitted by SECURE Act section 201, check here.

Part II Basic Plan Information—enter all requested information

<p>1a Name of plan <u>BIOSYNTH INTERNATIONAL 401(K) PLAN</u></p>	<p>1b Three-digit plan number (PN) ▶ <u>001</u></p>
<p>2a Plan sponsor's name (employer, if for a single-employer plan) Mailing address (include room, apt., suite no. and street, or P.O. Box) City or town, state or province, country, and ZIP or foreign postal code (if foreign, see instructions) <u>BIOSYNTH INTERNATIONAL</u></p> <p><u>65 ZUB LANE</u> <u>GARDNER, MA 01440</u></p>	<p>1c Effective date of plan <u>04/01/2000</u></p> <p>2b Employer Identification Number (EIN) <u>36-3084973</u></p> <p>2c Plan Sponsor's telephone number <u>978-630-0020</u></p> <p>2d Business code (see instructions) <u>541700</u></p>

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.	10/09/2025	KATHY MIRICK
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE	Filed with authorized/valid electronic signature.	10/09/2025	KATHY MIRICK
	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

3a Plan administrator's name and address <input checked="" type="checkbox"/> Same as Plan Sponsor	3b Administrator's EIN	
	3c Administrator's telephone number	
4 If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report: a Sponsor's name c Plan Name	4b EIN	
	4d PN	
5 Total number of participants at the beginning of the plan year	5	165
6 Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines 6a(1) , 6a(2) , 6b , 6c , and 6d). a(1) Total number of active participants at the beginning of the plan year a(2) Total number of active participants at the end of the plan year b Retired or separated participants receiving benefits..... c Other retired or separated participants entitled to future benefits d Subtotal. Add lines 6a(2) , 6b , and 6c e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits. f Total. Add lines 6d and 6e g(1) Number of participants with account balances as of the beginning of the plan year (only defined contribution plans complete this item) g(2) Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item) h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested.....	6a(1)	107
	6a(2)	97
	6b	
	6c	55
	6d	152
	6e	
	6f	152
	6g(1)	120
	6g(2)	117
h	5	
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 2F 2G 2K 3D

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)	9b Plan benefit arrangement (check all that apply)
(1) <input checked="" type="checkbox"/> Insurance	(1) <input checked="" type="checkbox"/> Insurance
(2) <input type="checkbox"/> Code section 412(e)(3) insurance contracts	(2) <input type="checkbox"/> Code section 412(e)(3) insurance contracts
(3) <input checked="" type="checkbox"/> Trust	(3) <input checked="" type="checkbox"/> Trust
(4) <input type="checkbox"/> General assets of the sponsor	(4) <input type="checkbox"/> 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	b General Schedules
(1) <input checked="" type="checkbox"/> R (Retirement Plan Information)	(1) <input checked="" type="checkbox"/> H (Financial Information)
(2) <input type="checkbox"/> MB (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary	(2) <input type="checkbox"/> I (Financial Information – Small Plan)
(3) <input type="checkbox"/> SB (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary	(3) <input checked="" type="checkbox"/> A (Insurance Information) – Number Attached <u>1</u>
(4) <input type="checkbox"/> DCG (Individual Plan Information) – Number Attached _____	(4) <input checked="" type="checkbox"/> C (Service Provider Information)
(5) <input type="checkbox"/> MEP (Multiple-Employer Retirement Plan Information)	(5) <input checked="" type="checkbox"/> D (DFE/Participating Plan Information)
	(6) <input type="checkbox"/> G (Financial Transaction Schedules)

Part III Form M-1 Compliance Information (to be completed by welfare benefit plans)

11a If the plan provides welfare benefits, was the plan subject to the Form M-1 filing requirements during the plan year? (See instructions and 29 CFR 2520.101-2.) Yes No

If "Yes" is checked, complete lines 11b and 11c.

11b Is the plan currently in compliance with the Form M-1 filing requirements? (See instructions and 29 CFR 2520.101-2.) Yes No

11c Enter the Receipt Confirmation Code for the 2024 Form M-1 annual report. If the plan was not required to file the 2024 Form M-1 annual report, enter the Receipt Confirmation Code for the most recent Form M-1 that was required to be filed under the Form M-1 filing requirements. (Failure to enter a valid Receipt Confirmation Code will subject the Form 5500 filing to rejection as incomplete.)

Receipt Confirmation Code _____

**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

2024

This Form is Open to Public Inspection

For calendar plan year 2024 or fiscal plan year beginning **01/01/2024** and ending **12/31/2024**

A Name of plan BIOSYNTH INTERNATIONAL 401(K) PLAN	B Three-digit plan number (PN) ▶ 001
C Plan sponsor's name as shown on line 2a of Form 5500 BIOSYNTH INTERNATIONAL	D Employer Identification Number (EIN) 36-3084973

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
JOHN HANCOCK 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
01-0233346	65838	134657	121	01/01/2024	12/31/2024

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 10909	(b) Total amount of fees paid
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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
TYLER ASSOCIATES, INC.
**33 BURNCOAT STREET
WORCESTER, MA 01605**

(b) Amount of sales and base commissions paid	Fees and other commissions paid		(e) Organization code
	(c) Amount	(d) Purpose	
10909			5

(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	4626179

6 Contracts With Allocated Funds:

- a** State the basis of premium rates ▶

- b** Premiums paid to carrier
- c** Premiums due but unpaid at the end of the year
- 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.
Specify nature of costs ▶

- e** Type of contract: (1) individual policies (2) group deferred annuity
 (3) other (specify) ▶ **GROUP ANNUITY CONTRACT**

- 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 ▶

b Balance at the end of the previous year			7b	
c Additions: (1) Contributions deposited during the year	7c(1)			
	7c(2)			
	7c(3)			
	7c(4)			
	7c(5)			
(6) Total additions			7c(6)	
d Total of balance and additions (add lines 7b and 7c(6))			7d	
e Deductions:				
	7e(1)			
	7e(2)			
	7e(3)			
	7e(4)			
(5) Total deductions			7e(5)	
f Balance at the end of the current year (subtract line 7e(5) from line 7d).....			7f	

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 <input type="checkbox"/> paid in cash, or <input type="checkbox"/> 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) <small>Department of the Treasury Internal Revenue Service</small> <small>Department of Labor Employee Benefits Security Administration</small> <small>Pension Benefit Guaranty Corporation</small>	Service Provider 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.	<small>OMB No. 1210-0110</small> 2024 This Form is Open to Public Inspection.
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For calendar plan year 2024 or fiscal plan year beginning **01/01/2024** and ending **12/31/2024**

A Name of plan BIOSYNTH INTERNATIONAL 401(K) PLAN	B Three-digit plan number (PN) ▶	001
C Plan sponsor's name as shown on line 2a of Form 5500 BIOSYNTH INTERNATIONAL	D Employer Identification Number (EIN) 36-3084973	

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)..... 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

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

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)

JOHN HANCOCK LIFE INSURANCE CO.

01-0233346

(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?
15	RECORDKEEPER	1246	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>		Yes <input type="checkbox"/> No <input type="checkbox"/>

(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 <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>		Yes <input type="checkbox"/> No <input type="checkbox"/>

(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 <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>		Yes <input type="checkbox"/> No <input type="checkbox"/>

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
(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.	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(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.	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(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.	

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) <small>Department of the Treasury Internal Revenue Service</small> <small>Department of Labor Employee Benefits Security Administration</small>	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.	<small>OMB No. 1210-0110</small> 2024 This Form is Open to Public Inspection.
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For calendar plan year 2024 or fiscal plan year beginning 01/01/2024 and ending 12/31/2024

A Name of plan <u>BIOSYNTH INTERNATIONAL 401(K) PLAN</u>	B Three-digit plan number (PN) ▶	<u>001</u>
C Plan or DFE sponsor's name as shown on line 2a of Form 5500 <u>BIOSYNTH INTERNATIONAL</u>	D Employer Identification Number (EIN) <u>36-3084973</u>	

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)
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a Name of MTIA, CCT, PSA, or 103-12 IE: AMERICAN FUNDS 2065 TD

b Name of sponsor of entity listed in (a): JOHN HANCOCK LIFE INSURANCE COMPANY

c EIN-PN <u>01-0233346-000</u>	d Entity code <u>P</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>193350</u>
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a Name of MTIA, CCT, PSA, or 103-12 IE: AMERICAN FUNDS 2060 TD

b Name of sponsor of entity listed in (a): JOHN HANCOCK LIFE INSURANCE COMPANY

c EIN-PN <u>01-0233346-000</u>	d Entity code <u>P</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>365191</u>
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a Name of MTIA, CCT, PSA, or 103-12 IE: AMERICAN FUNDS 2055 TD

b Name of sponsor of entity listed in (a): JOHN HANCOCK LIFE INSURANCE COMPANY

c EIN-PN <u>01-0233346-000</u>	d Entity code <u>P</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>183676</u>
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a Name of MTIA, CCT, PSA, or 103-12 IE: AMERICAN FUNDS 2050 TD

b Name of sponsor of entity listed in (a): JOHN HANCOCK LIFE INSURANCE COMPANY

c EIN-PN <u>01-0233346-000</u>	d Entity code <u>P</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>476848</u>
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a Name of MTIA, CCT, PSA, or 103-12 IE: AMERICAN FUNDS 2045 TD

b Name of sponsor of entity listed in (a): JOHN HANCOCK LIFE INSURANCE COMPANY

c EIN-PN <u>01-0233346-000</u>	d Entity code <u>P</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>637019</u>
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a Name of MTIA, CCT, PSA, or 103-12 IE: AMERICAN FUNDS 2040 TD

b Name of sponsor of entity listed in (a): JOHN HANCOCK LIFE INSURANCE COMPANY

c EIN-PN <u>01-0233346-000</u>	d Entity code <u>P</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>1576551</u>
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a Name of MTIA, CCT, PSA, or 103-12 IE: AMERICAN FUNDS 2035 TD

b Name of sponsor of entity listed in (a): JOHN HANCOCK LIFE INSURANCE COMPANY

c EIN-PN <u>01-0233346-000</u>	d Entity code <u>P</u>	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) <u>542368</u>
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For Paperwork Reduction Act Notice, see the Instructions for Form 5500.

Schedule D (Form 5500) 2024
v. 240311

a Name of MTIA, CCT, PSA, or 103-12 IE: AMERICAN FUNDS 2030 TD		
b Name of sponsor of entity listed in (a): JOHN HANCOCK LIFE INSURANCE COMPANY		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 295803
a Name of MTIA, CCT, PSA, or 103-12 IE: AMERICAN FUNDS 2025 TD		
b Name of sponsor of entity listed in (a): JOHN HANCOCK LIFE INSURANCE COMPANY		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 136705
a Name of MTIA, CCT, PSA, or 103-12 IE: AMERICAN FUNDS 2010 TD		
b Name of sponsor of entity listed in (a): JOHN HANCOCK LIFE INSURANCE COMPANY		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 30673
a Name of MTIA, CCT, PSA, or 103-12 IE: ALLSPRING SPECIAL MIDCAP VALUE		
b Name of sponsor of entity listed in (a): JOHN HANCOCK LIFE INSURANCE COMPANY		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 10393
a Name of MTIA, CCT, PSA, or 103-12 IE: AMERICAN FUNDS NEW WORLD FUND		
b Name of sponsor of entity listed in (a): JOHN HANCOCK LIFE INSURANCE COMPANY		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 5405
a Name of MTIA, CCT, PSA, or 103-12 IE: AF THE GROWTH FUND OF AMERICA		
b Name of sponsor of entity listed in (a): JOHN HANCOCK LIFE INSURANCE COMPANY		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 13769
a Name of MTIA, CCT, PSA, or 103-12 IE: FIDELITY MID CAP INDEX FUND		
b Name of sponsor of entity listed in (a): JOHN HANCOCK LIFE INSURANCE COMPANY		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 11252
a Name of MTIA, CCT, PSA, or 103-12 IE: NORTHERN EM EQUITY INDEX FUND		
b Name of sponsor of entity listed in (a): JOHN HANCOCK LIFE INSURANCE COMPANY		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 5943
a Name of MTIA, CCT, PSA, or 103-12 IE: NUVEEN SMALL-CAP BLEND INDEX		
b Name of sponsor of entity listed in (a): JOHN HANCOCK LIFE INSURANCE COMPANY		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 6884
a Name of MTIA, CCT, PSA, or 103-12 IE: 500 INDEX FUND		
b Name of sponsor of entity listed in (a): JOHN HANCOCK LIFE INSURANCE COMPANY		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 64926

a Name of MTIA, CCT, PSA, or 103-12 IE: DFA INTERNATIONAL VALUE		
b Name of sponsor of entity listed in (a): JOHN HANCOCK LIFE INSURANCE COMPANY		
c EIN-PN 01-0233346-000	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: FIDELITY INTERNATIONAL INDEX		
b Name of sponsor of entity listed in (a): JOHN HANCOCK LIFE INSURANCE COMPANY		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 3399
a Name of MTIA, CCT, PSA, or 103-12 IE: INVESCO DIVERSIFIED DIVIDEND		
b Name of sponsor of entity listed in (a): JOHN HANCOCK LIFE INSURANCE COMPANY		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 540
a Name of MTIA, CCT, PSA, or 103-12 IE: JOHN HANCOCK INTL GROWTH		
b Name of sponsor of entity listed in (a): JOHN HANCOCK LIFE INSURANCE COMPANY		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 2031
a Name of MTIA, CCT, PSA, or 103-12 IE: TOTAL STOCK MARKET INDEX FUND		
b Name of sponsor of entity listed in (a): JOHN HANCOCK LIFE INSURANCE COMPANY		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 7882
a Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD TOTAL INTL STOCK IDX		
b Name of sponsor of entity listed in (a): JOHN HANCOCK LIFE INSURANCE COMPANY		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 2890
a Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD TOT WLD STK INDEX ETF		
b Name of sponsor of entity listed in (a): JOHN HANCOCK LIFE INSURANCE COMPANY		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 1322
a Name of MTIA, CCT, PSA, or 103-12 IE: AF AMERICAN BALANCED FUND		
b Name of sponsor of entity listed in (a): JOHN HANCOCK LIFE INSURANCE COMPANY		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 39891
a Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD BALANCED INDEX FUND		
b Name of sponsor of entity listed in (a): JOHN HANCOCK LIFE INSURANCE COMPANY		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 5026
a Name of MTIA, CCT, PSA, or 103-12 IE: PIMCO INTL BOND USD-HEDGED		
b Name of sponsor of entity listed in (a): JOHN HANCOCK LIFE INSURANCE COMPANY		
c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 3091

a Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD INTERM-TERM BOND IDX

b Name of sponsor of entity listed in (a): JOHN HANCOCK LIFE INSURANCE COMPANY

c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 0
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a Name of MTIA, CCT, PSA, or 103-12 IE: VANGUARD TOTAL BOND MARKET IDX

b Name of sponsor of entity listed in (a): JOHN HANCOCK LIFE INSURANCE COMPANY

c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 0
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a Name of MTIA, CCT, PSA, or 103-12 IE: MONEY MARKET FUND

b Name of sponsor of entity listed in (a): JOHN HANCOCK LIFE INSURANCE COMPANY

c EIN-PN 01-0233346-000	d Entity code P	e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 3351
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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)
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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)
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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)
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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)
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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)
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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)
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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)
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SCHEDULE H (Form 5500) <small>Department of the Treasury Internal Revenue Service</small> <small>Department of Labor Employee Benefits Security Administration</small> <small>Pension Benefit Guaranty Corporation</small>	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.	<small>OMB No. 1210-0110</small> 2024 This Form is Open to Public Inspection
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For calendar plan year 2024 or fiscal plan year beginning 01/01/2024 and ending 12/31/2024	
A Name of plan BIOSYNTH INTERNATIONAL 401(K) PLAN	B Three-digit plan number (PN) ▶ 001
C Plan sponsor's name as shown on line 2a of Form 5500 BIOSYNTH INTERNATIONAL	D Employer Identification Number (EIN) 36-3084973

Part I	Asset and Liability Statement
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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.

		(a) Beginning of Year	(b) End of Year
Assets			
a Total noninterest-bearing cash	1a		
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions	1b(1)	7537	
(2) Participant contributions	1b(2)	11594	
(3) Other	1b(3)		
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit)	1c(1)	24384	4281
(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)	40135	82423
(9) Value of interest in common/collective trusts	1c(9)		
(10) Value of interest in pooled separate accounts	1c(10)	4077473	4626179
(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)		
(14) Value of funds held in insurance company general account (unallocated contracts)	1c(14)		
(15) Other	1c(15)		

		(a) Beginning of Year	(b) End of Year
1d	Employer-related investments:		
(1)	Employer securities.....	1d(1)	
(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	4161123 4712883
Liabilities			
g	Benefit claims payable.....	1g	3008
h	Operating payables.....	1h	
i	Acquisition indebtedness.....	1i	
j	Other liabilities.....	1j	
k	Total liabilities (add all amounts in lines 1g through 1j).....	1k	3008
Net Assets			
l	Net assets (subtract line 1k from line 1f).....	1l	4158115 4712883

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.

		(a) Amount	(b) Total
Income			
a	Contributions:		
(1)	Received or receivable in cash from: (A) Employers.....	2a(1)(A)	174956
	(B) Participants.....	2a(1)(B)	328332
	(C) Others (including rollovers).....	2a(1)(C)	255960
(2)	Noncash contributions.....	2a(2)	
(3)	Total contributions. Add lines 2a(1)(A), (B), (C), and line 2a(2).....	2a(3)	759248
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)	4709
	(F) Other.....	2b(1)(F)	
	(G) Total interest. Add lines 2b(1)(A) through (F).....	2b(1)(G)	4709
(2)	Dividends: (A) Preferred stock.....	2b(2)(A)	
	(B) Common stock.....	2b(2)(B)	
	(C) Registered investment company shares (e.g. mutual funds).....	2b(2)(C)	
	(D) Total dividends. Add lines 2b(2)(A), (B), and (C).....	2b(2)(D)	
(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)	
(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)	

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts	2b(6)		
(7) Net investment gain (loss) from pooled separate accounts	2b(7)		560228
(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)		
c Other income	2c		
d Total income. Add all income amounts in column (b) and enter total	2d		1324185

Expenses

e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	701691	
(2) To insurance carriers for the provision of benefits	2e(2)		
(3) Other	2e(3)		
(4) Total benefit payments. Add lines 2e(1) through (3)	2e(4)		701691
f Corrective distributions (see instructions)	2f		
g Certain deemed distributions of participant loans (see instructions)	2g		
h Interest expense	2h		
i Administrative expenses:			
(1) Salaries and allowances	2i(1)		
(2) Contract administrator fees	2i(2)	22872	
(3) Recordkeeping fees	2i(3)	8968	
(4) IQPA audit fees	2i(4)	15725	
(5) Investment advisory and investment management fees	2i(5)	20161	
(6) Bank or trust company trustee/custodial fees	2i(6)		
(7) Actuarial fees	2i(7)		
(8) Legal fees	2i(8)		
(9) Valuation/appraisal fees	2i(9)		
(10) Other trustee fees and expenses	2i(10)		
(11) Other expenses	2i(11)		
(12) Total administrative expenses. Add lines 2i(1) through (11)	2i(12)		67726
j Total expenses. Add all expense amounts in column (b) and enter total	2j		769417

Net Income and Reconciliation

k Net income (loss). Subtract line 2j from line 2d	2k		554768
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) Unmodified (2) Qualified (3) Disclaimer (4) Adverse

b Check the appropriate box(es) to indicate whether the IQPA performed an ERISA section 103(a)(3)(C) audit. Check both boxes (1) and (2) if the audit was performed pursuant to both 29 CFR 2520.103-8 and 29 CFR 2520.103-12(d). Check box (3) if pursuant to neither.

(1) DOL Regulation 2520.103-8 (2) DOL Regulation 2520.103-12(d) (3) neither DOL Regulation 2520.103-8 nor DOL Regulation 2520.103-12(d).

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

(1) Name: **FORVIS MAZARS, LLP**

(2) EIN: **44-0160260**

d The opinion of an independent qualified public accountant is **not attached** as part of Schedule H because:

(1) This form is filed for a CCT, PSA, DCG 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. DCGs do not complete lines 4e, 4f, 4k, 4l, and 5, and DCGs generally complete the rest of Part IV collectively for all plans in the DCG, except as otherwise provided (see instructions).

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.)		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.)		X	
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.)		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.)		X	
e Was this plan covered by a fidelity bond?	X		500000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?		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?		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?		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.)	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.)		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?		X	
l Has the plan failed to provide any benefit when due under the plan?		X	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)		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.			

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

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)

5c Was the plan a defined benefit plan covered under the PBGC insurance program at any time during this plan year? (See ERISA section 4021 and instructions.) Yes No Not determined
 If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year _____.

SCHEDULE R (Form 5500) <small>Department of the Treasury Internal Revenue Service</small> <small>Department of Labor Employee Benefits Security Administration</small> <small>Pension Benefit Guaranty Corporation</small>	Retirement Plan Information This schedule is required to be filed under sections 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.	<small>OMB No. 1210-0110</small> 2024 This Form is Open to Public Inspection.
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For calendar plan year 2024 or fiscal plan year beginning **01/01/2024** and ending **12/31/2024**

A Name of plan BIOSYNTH INTERNATIONAL 401(K) PLAN	B Three-digit plan number (PN) ▶	001
C Plan sponsor's name as shown on line 2a of Form 5500 BIOSYNTH INTERNATIONAL	D Employer Identification Number (EIN) 36-3084973	

Part I	Distributions
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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
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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): 01-0233346

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	
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Part II	Funding Information (If the plan is not subject to the minimum funding requirements of section 412 of the Internal Revenue Code or ERISA section 302, skip this Part.)
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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.
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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 (1) contributed more than 5% of total contributions to the plan during the plan year or (2) was one of the top-ten highest contributors (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 deferred vested and retired participants (inactive participants), as of the beginning of the plan year, whose contributing employer is no longer making contributions to the plan for:

a The current plan year. Check the box to indicate the counting method used to determine the number of inactive participants: <input type="checkbox"/> last contributing employer <input type="checkbox"/> alternative <input type="checkbox"/> reasonable approximation (see instructions for required attachment).....	14a	
b The plan year immediately preceding the current plan year. <input type="checkbox"/> Check the box if the number reported is a change from what was previously reported (see instructions for required attachment).....	14b	
c The second preceding plan year. <input type="checkbox"/> Check the box if the number reported is a change from what was previously reported (see instructions for required attachment).....	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) and (b):

a Enter the percentage of plan assets held as:
 Public Equity: _____% Private Equity: _____% Investment-Grade Debt and Interest Rate Hedging Assets: _____%
 High-Yield Debt: _____% Real Assets: _____% Cash or Cash Equivalents: _____% Other: _____%

b Provide the average duration of the Investment-Grade Debt and Interest Rate Hedging Assets:
 0-5 years 5-10 years 10-15 years 15 years or more

20 PBGC missed contribution reporting requirements. If this is a multiemployer plan or a single-employer plan that is not covered by PBGC, skip line 20.

a Is the amount of unpaid minimum required contributions for all years from Schedule SB (Form 5500) line 40 greater than zero? Yes No

b If line 20a is "Yes," has PBGC been notified as required by ERISA sections 4043(c)(5) and/or 303(k)(4)? Check the applicable box:
 Yes.
 No. Reporting was waived under 29 CFR 4043.25(c)(2) because contributions equal to or exceeding the unpaid minimum required contribution were made by the 30th day after the due date.
 No. The 30-day period referenced in 29 CFR 4043.25(c)(2) has not yet ended, and the sponsor intends to make a contribution equal to or exceeding the unpaid minimum required contribution by the 30th day after the due date.
 No. Other. Provide explanation: _____

Part VII IRS Compliance Questions

21a Does the plan satisfy the coverage and nondiscrimination tests of Code sections 410(b) and 401(a)(4) by combining this plan with any other plans under the permissive aggregation rules? Yes No

21b If this is a Code section 401(k) plan, check all boxes that apply to indicate how the plan is intended to satisfy the nondiscrimination requirements for employee deferrals and employer matching contributions (as applicable) under Code sections 401(k)(3) and 401(m)(2).
 Design-based safe harbor method
 "Prior year" ADP test
 "Current year" ADP test
 N/A

22 If the plan sponsor is an adopter of a pre-approved plan that received a favorable IRS Opinion Letter, enter the date of the Opinion Letter 06 / 30 / 2020 (MM/DD/YYYY) and the Opinion Letter serial number Q702818A.




Biosynth International 401(k) Plan

EIN 36-3084973 PN 001

**Independent Auditor's Report, Financial Statements,
and Supplemental Schedule**

December 31, 2024 and 2023



**Biosynth International 401(k) Plan
Contents
December 31, 2024 and 2023**

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Independent Auditor's Report

Trustees
Biosynth International 401(k) Plan
Gardner, Massachusetts

Scope and Nature of the ERISA Section 103(a)(3)(C) Audit

We have performed audits of the financial statements of Biosynth International 401(k) Plan (the Plan), an employee benefit plan subject to the *Employee Retirement Income Security Act of 1974* (ERISA), as permitted by ERISA Section 103(a)(3)(C) (ERISA Section 103(a)(3)(C) audit). The financial statements comprise the statements of net assets available for benefits as of December 31, 2024 and 2023, and the related statement of changes in net assets available for benefits for the year ended December 31, 2024, and the related notes to the financial statements.

Management, having determined it is permissible in the circumstances, has elected to have the audits of the Biosynth International 401(k) Plan's financial statements performed in accordance with ERISA Section 103(a)(3)(C) pursuant to 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. As permitted by ERISA Section 103(a)(3)(C), our audits need not extend to any statements or information related to assets held for investment of the plan (investment information) by a bank or similar institution or insurance carrier that is regulated, supervised, and subject to periodic examination by a state or federal agency, provided that the statements or information regarding assets so held are prepared and certified to by the bank or similar institution or insurance carrier in accordance with 29 CFR 2520.103-5 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA (qualified institution).

Management has obtained certifications from a qualified institution as of December 31, 2024 and 2023, and for the year ended December 31, 2024, stating that the certified investment information, as described in Note 3 to the financial statements, is complete and accurate.

Opinion

In our opinion, based on our audits and on the procedures performed as described in the Auditor's Responsibilities for the Audit of the Financial Statements section:

- The amounts and disclosures in the accompanying financial statements, other than those agreed to or derived from the certified investment information, are presented fairly, in all material respects, in accordance with accounting principles generally accepted in the United States of America.
- The information in the accompanying financial statements related to assets held by and certified to by a qualified institution agrees to, or is derived from, in all material respects, the information prepared and certified by an institution that management determined meets the requirements of ERISA Section 103(a)(3)(C).

Basis for Opinion

We conducted our audits in accordance with auditing standards generally accepted in the United States of America (GAAS). Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of the Plan and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audits. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our ERISA Section 103(a)(3)(C) audit opinion.

Responsibilities of Management for the Financial Statements

Management is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error. Management's election of the ERISA Section 103(a)(3)(C) audit does not affect management's responsibility for the financial statements.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the Biosynth International 401(k) Plan's ability to continue as a going concern for one year after the date of the financial statements are available to be issued.

Management is also responsible for maintaining a current plan instrument, including all plan amendments, administering the plan, and determining that the plan's transactions that are presented and disclosed in the financial statements are in conformity with the plan's provisions, including maintaining sufficient records with respect to each of the participants, to determine the benefits due or which may become due to such participants.

Auditor's Responsibilities for the Audit of the Financial Statements

Except as described in the Scope and Nature of the ERISA Section 103(a)(3)(C) Audit section of our report, our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if, there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with GAAS, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Biosynth International 401(k) Plan's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.

- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the Plan's ability to continue as a going concern for a reasonable period of time.

Our audits did not extend to the certified investment information, except for obtaining and reading the certification, comparing the certified investment information with the related information presented and disclosed in the financial statements, and reading the disclosures relating to the certified investment information to assess whether they are in accordance with the presentation and disclosure requirements of accounting principles generally accepted in the United States of America.

Accordingly, the objective of an ERISA Section 103(a)(3)(C) audit is not to express an opinion about whether the financial statements as a whole are presented fairly, in all material respects, in accordance with accounting principles generally accepted in the United States of America.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we identified during the audit.

Other Matters Supplemental Schedule Required by ERISA

The supplemental schedule listed in the table of contents 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 ERISA. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the financial statements. The information included in the supplemental schedule, other than that agreed to or derived from the certified investment information, has been subjected to auditing procedures applied in the audit of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with GAAS. For information included in the supplemental schedule that agreed to or is derived from the certified investment information, we compared such information to the related certified investment information.

In forming our opinion on the supplemental schedule, we evaluated whether the supplemental schedule, other than the information agreed to or derived from the certified investment information, including its form and content, is presented in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.

In our opinion

- The form and content of the supplemental schedule, other than the information in the supplemental schedule that agreed to or is derived from the certified investment information, are presented, in all material respects, in conformity with the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA.
- The information in the supplemental schedule related to assets held by and certified to by a qualified institution agrees to, or is derived from, in all material respects, the information prepared and certified by an institution that management determined meets the requirements of ERISA Section 103(a)(3)(C).

Forvis Mazars, LLP

**Chicago, Illinois
October 1, 2025**

Federal Employer Identification Number 44-0160260

**Biosynth International 401(k) Plan
Statements of Net Assets Available for Benefits
December 31, 2024 and 2023**

	<u>2024</u>	<u>2023</u>
ASSETS		
Investments, at Fair Value		
Pooled separate accounts	\$ 4,626,179	\$ 4,077,473
Interest-bearing cash	4,281	24,384
Total Investments, at Fair Value	<u>4,630,460</u>	<u>4,101,857</u>
Receivables		
Employee contributions receivable	-	11,594
Employer contributions receivable	-	7,537
Notes receivable from participants	82,423	40,135
Total Receivables	<u>82,423</u>	<u>59,266</u>
Total Assets	<u>4,712,883</u>	<u>4,161,123</u>
LIABILITIES		
Distributions payable	-	3,008
Net Assets Available for Benefits	<u>\$ 4,712,883</u>	<u>\$ 4,158,115</u>

**Biosynth International 401(k) Plan
Statement of Changes in Net Assets Available for Benefits
Year Ended December 31, 2024**

Additions

Investment Income

Net appreciation in fair value of investments \$ 560,228

Interest Income from Notes Receivable from Participants

4,709

Contributions

Employer 174,956

Employee 328,332

Rollover 255,960

Total Contributions

759,248

Total Additions

1,324,185

Deductions

Benefits paid to participants 701,691

Administrative fees 67,726

Total Deductions

769,417

Net Increase

554,768

Net Assets Available for Benefits, Beginning of Year

4,158,115

Net Assets Available for Benefits, End of Year

\$ 4,712,883

Note 1. Description of Plan Provisions

The following description of the Biosynth International 401(k) Plan (Plan) provides only general information. The Plan was formerly known as Vivitide, LLC 401(K) Plan and was renamed effective January 1, 2023. Participants should refer to the Plan agreement for a more complete description of the Plan's provisions.

General

The Plan is a defined-contribution plan established April 1, 2000 and was amended and restated as of November 17, 2023. Effective October 1, 2022, the Plan was amended to allow eligibility to employees of Biosynth International Inc. that were not previously part of the former Vivitide plan. The Plan also acknowledges years of service with the following employers: New England Peptide, Inc., Peptides International, Inc., and NE Peptide, LLC. The assets of the Plan are held by John Hancock Life Insurance Company (U.S.A.) (John Hancock). The Plan is subject to the provisions of the *Employee Retirement Income Security Act of 1974*, as amended by subsequent legislation (ERISA).

Eligibility

All employees who have completed forty-five days of service and have attained the age of 18 may elect to participate in the Plan.

Contributions

Employees can elect to make pre-tax or Roth contributions through payroll deductions up to 100% of their annual compensation but not more than the government-imposed limit established each year. Participants who are age 50 or older before the close of the Plan year may also elect to make catch-up contributions, subject to certain Internal Revenue Code (IRC) limitations. Participants may also roll over amounts representing distributions from other qualified benefit plans or certain Individual Retirement Accounts into the Plan. The match contributions begin with the participant's first deferred contribution. Effective January 1, 2023, the Plan requires the Plan Sponsor to make safe harbor matching contributions for eligible participants equal to 100% of the first 3% of eligible participant compensation contributed to the plan plus 50% of the amount of contributions between 3% and 5% of eligible participant compensation. The Company may also make nonelective contributions at their discretion. The Plan no longer permits other employer matching effective January 1, 2023.

Investment Options

Upon enrollment into the Plan, participants may direct the investment of their contributions and all matching contributions into various pooled separate account investments offered by the Plan.

Withdrawals

In the event of retirement (as defined), death, permanent disability, termination of employment, or financial hardship (as defined), the balances in the participants' accounts may be distributed to the participants or the participants' beneficiaries in a lump sum or through payments in such other forms as may be available under the Plan. The participant is also entitled to receive the "vested percentage" of his or her matching contribution. The amount of the participants' hardship distribution may not be in excess of the amount of the participants' financial hardship, as specified in the Plan.

Vesting

Participants are immediately and fully vested in employee contributions, safe harbor match contributions, and rollover contributions plus actual income or loss thereon.

**Biosynth International 401(k) Plan
Notes to Financial Statements
December 31, 2024 and 2023**

The Plan provides that the Company’s other contributions, including earnings thereon, vest fully at the end of five years of service, as defined by the Plan, upon termination of employment due to death or permanent disability, with partial vesting as follows:

<u>Years of Service</u>	<u>Percentage Vested</u>
1	20%
2	40%
3	60%
4	80%
5	100%

Notes Receivable from Participants

Employees may request loans for allowable uses which are repaid through payroll deductions. The minimum loan amount is \$1,000 up to a maximum of the lesser of \$50,000 reduced by the highest outstanding loan balance during the 12-month period prior to the date of the participant’s request or 50% of the participant’s vested account balance. The loans are secured by the balance in the participant’s account, bear interest at prime plus 1% at the time the loans are made and are to be repaid over a period not to exceed five years, except as related to the purchase of a personal residence in which case the loan repayment may be a longer term. Loans are measured at their unpaid principal balance plus any accrued but unpaid interest. Interest income is recorded on an accrual basis. As of December 31, 2024, the interest rates on the outstanding notes receivable from participants ranged from 6.50% to 9.50% per annum.

Participant Accounts

Each participant’s account is credited with the participant’s contributions, allocation of associated employer’s contributions, Plan earning and losses, and charged with withdrawals and allocations of administrative fees. The benefit to which a participant is entitled is the benefit that can be provided from the participant’s vested account.

Forfeiture Amounts

As of December 31, 2024 and 2023, forfeited non-vested accounts totaled approximately \$4,000 and \$24,000 respectively. Forfeitures of the employer’s contributions may be used to pay Plan expenses or to reduce amounts otherwise required to be contributed to the Plan. During 2024, approximately \$22,500 of plan expenses were paid from the forfeiture account and approximately \$6,500 were paid to reduce amounts required to be contributed to the plan.

Note 2. Summary of Significant Accounting Policies

Basis of Accounting

The financial statements of the Plan are prepared on the accrual basis of accounting.

Use of Estimates

The preparation of financial statements in accordance with accounting principles generally accepted in the United States of America (U.S. GAAP) requires management to make estimates and assumptions that affect the reported amounts of net assets available for benefits and changes therein and disclosure of contingent assets and liabilities. Actual results could differ from those estimates.

**Biosynth International 401(k) Plan
Notes to Financial Statements
December 31, 2024 and 2023**

Investment Valuation and Income Recognition

The Plan's investments are stated at fair value. Fair value is 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. The Plan's Investment Committee determines the Plan's valuation policies utilizing information provided by the investment advisers, custodians and insurance company. See Note 4 for discussion of fair value measurements.

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

Payment of Benefits

Benefit payments to participants are recorded upon distribution. There were no amounts payable to participants who elected to withdraw from the Plan but had not been paid at December 31, 2024 and 2023.

Notes Receivable from Participants

Notes receivable from participants are measured at their unpaid principal balance plus any accrued but unpaid interest. Interest income is recorded on the accrual basis. 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, 2024 and 2023.

Administrative Fees

Certain expenses of maintaining the Plan are paid by the Plan, unless otherwise paid by the Company. Expenses that are paid by the Company are excluded from these financial statements. Fees related to the administration of notes receivable from participants are charged directly to the participant's account and are included in administrative expenses. Investment-related expenses are included in net appreciation of fair value of investments.

Subsequent Events

The Plan has evaluated subsequent events through October 1, 2025, which is the date the financial statements were available to be issued.

Note 3. Information Certified by the Trustee

The Plan Administrator has elected the method of annual reporting compliance permitted by ERISA Section 103(a)(3)(C) pursuant to 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. Accordingly, John Hancock, a qualified institution, has certified the following investment information included in the accompanying financial statements and ERISA-required supplemental schedule is complete and accurate:

- Investments, at fair value, and notes receivable from participants as shown in the statements of net assets available for benefits as of December 31, 2024 and 2023.
- Investment income and interest income from notes receivable from participants as shown in the statement of changes in net assets available for benefits for the year ended December 31, 2024
- Investment information and notes receivable from participants included in the accompanying schedule of assets (held at end of year) as of December 31, 2024

**Biosynth International 401(k) Plan
Notes to Financial Statements
December 31, 2024 and 2023**

The Plan's independent auditors did not perform auditing procedures with respect to this certified investment information, except for comparing such certified investment information to the related investment information included in the financial statements and ERISA-required supplemental schedule.

Note 4. Fair Value Measurement

The Financial Accounting Standards Board's Accounting Standards Codification established a fair value hierarchy that 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 or liabilities (level 1 measurement) and the lowest priority to unobservable inputs (level 3 measurement). The three levels of the fair value hierarchy are described as follows:

- Level 1** Inputs to the valuation methodology are unadjusted quoted prices for identical assets or liabilities in active markets that the Plan has the ability to access.
- Level 2** Inputs to the valuation methodology include: quoted prices for similar assets or liabilities in active markets; quoted prices for identical or similar assets or liabilities in inactive markets; inputs other than quoted prices that are observable for the asset or liability; inputs that are derived principally from, or corroborated by, observable market data by correlation or other means. If the asset or liability has a specified (contractual) term, the level 2 input must be observable for substantially the full term of the asset or liability.
- Level 3** Inputs to the valuation methodology are unobservable and significant to the fair value measurement.

The asset or liability's fair value measurement level within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement. Valuation techniques used need to maximize the use of observable inputs and minimize the use of unobservable inputs.

Following is a description of the valuation methodologies used for assets measured at fair value. There have been no changes in the methodologies used at December 31, 2024 and 2023:

- Pooled separate accounts are valued using Level 2 inputs. Each pooled separate account invests in a respective mutual fund and the fair value is based upon the underlying fair value of the mutual fund as determined by quoted market prices in an active market.
- Interest-bearing cash is valued using Level 1 inputs valued daily at the closing price as reported by the fund.

The preceding methods described may produce a fair value calculation that may not be indicative of net realizable value or reflective of future fair values. Furthermore, although the Plan believes its valuation methods are appropriate and consistent with other market participants, the use of different methodologies or assumptions to determine the fair value of certain financial instruments could result in a different fair value measurement at the reporting date.

**Biosynth International 401(k) Plan
Notes to Financial Statements
December 31, 2024 and 2023**

The following table sets forth by level, within the fair value hierarchy, the Plan's assets at fair value as of December 31, 2024 and 2023:

	2024			
	<u>Level 1</u>	<u>Level 2</u>	<u>Level 3</u>	<u>Total</u>
Pooled separate accounts	\$ -	\$ 4,626,179	\$ -	\$ 4,626,179
Interest-bearing cash	4,281	-	-	4,281
Total Investments at Fair Value	<u>\$ 4,281</u>	<u>\$ 4,626,179</u>	<u>\$ -</u>	<u>\$ 4,630,460</u>
	2023			
	<u>Level 1</u>	<u>Level 2</u>	<u>Level 3</u>	<u>Total</u>
Pooled separate accounts	\$ -	\$ 4,077,473	\$ -	\$ 4,077,473
Interest-bearing cash	24,384	-	-	24,384
Total Investments at Fair Value	<u>\$ 24,384</u>	<u>\$ 4,077,473</u>	<u>\$ -</u>	<u>\$ 4,101,857</u>

Note 5. Plan Termination

Although it has not expressed any intention to do so, the plan sponsor has the right to discontinue its contributions at any time and to terminate the Plan subject to the provisions set forth in ERISA. In the event of Plan termination, affected participants who are actively employed by the Company at the time of termination shall be fully vested in their employer contributions.

Note 6. Income Tax Status

The Plan operates under a nonstandardized adoption agreement in connection with a prototype retirement plan and trust/custodial document sponsored by Tyler Associates Inc. This prototype plan document has been filed with the appropriate agency and received a favorable determination letter on June 30, 2020. The Plan has been amended since this determination letter, however, the Plan Administrator believes that the Plan is currently designed and being operated in compliance with the applicable requirements of the Internal Revenue Code and that the Plan was qualified and the related trust was tax exempt as of the financial statement date.

U.S. GAAP requires plan management to evaluate tax positions taken by the Plan and recognize a tax liability (or asset) if the Plan has taken an uncertain position that, more likely than not, would not be sustained upon examination by the IRS. The Plan's management and its tax counsel have analyzed the tax positions taken by the Plan, and have concluded that as of both December 31, 2024 and 2023, there are no uncertain tax positions taken or expected to be taken that would require recognition of a liability (or asset) or disclosure in the financial statements. The Plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress. The Plan's management and its tax counsel believe it is no longer subject to income tax examinations for years prior to 2021.

Note 7. Risks and Uncertainties

The Plan invests in funds that invest in investment instruments. Investment securities, in general, are exposed to various risks, such as interest rate, credit, and overall market volatility. Due to the level of risk associated with certain investment securities, it is reasonably possible that changes in the values of investment securities could occur in the near term and that such changes could materially affect participant account balances and the amounts reported in the financial statements.

Note 8. Party-in-Interest Transactions

Certain Plan investments are investments managed or issued by John Hancock, the trustee. Additionally, administrative expenses are paid by the Plan to John Hancock, the trustee and, therefore, these transactions qualify as exempt party-in-interest transactions. Fees paid by the Plan for investment management services are included as a reduction of the return earned on each fund. The Plan allows participants to receive loans under Section 72(p) of the IRC. Participant loans are considered to be permitted party-in-interest transactions.

Note 9. ERISA Fidelity Bond

ERISA requires all persons who handle assets of benefit plans to be bonded. This requirement protects plans against losses sustained due to acts of fraud or dishonesty by those persons whose positions require them to come in direct contact with or exercise discretion over plan assets. From January 1, 2023 to March 31, 2023, the Plan Sponsor did not have a fidelity bond in place. As a result, the bonding requirement of the Plan Sponsor was not met for 2023.

Supplemental Schedule

Biosynth International 401(k) Plan
EIN 36-3084973 PN 001
Schedule H, Line 4i – Schedule of Assets (Held at End of Year)
Year Ended December 31, 2024

(a)	(b) Identity of Issue, Borrower, Lessor or Similar Party	(c) Description of Investment Including Maturity Date, Rate of Interest, Collateral, Par or Maturity Value	(d) ** Cost	(e) Current Value
		Interest-bearing cash:		
*	John Hancock	Interest-bearing cash:		\$ 4,281
		Pooled Separate Accounts:		
	Capital Group	American Fund 2010		30,673
	Capital Group	American Fund 2025		136,705
	Capital Group	American Fund 2030		295,803
	Capital Group	American Fund 2035		542,368
	Capital Group	American Fund 2040		1,576,551
	Capital Group	American Fund 2045		637,019
	Capital Group	American Fund 2050		476,848
	Capital Group	American Fund 2055		183,676
	Capital Group	American Fund 2060		365,191
	Capital Group	American Fund 2065		193,350
*	John Hancock	John Hancock Money Market Fund		3,351
	PIMCO	Pimco International Bond USD - Hedged		3,091
	Vanguard	Vanguard Balanced Index Fund		5,026
	Capital Group	American Fund American Balanced Fund		39,891
	Vanguard	Vanguard Total Wild Stock Index ETFund		1,322
	Vanguard	Vanguard Total International Stock Index		2,890
	Vanguard	Total Stock Market Index Fund		7,882
*	John Hancock	John Hancock International Growth		2,031
	Invesco	Invesco Diversified Dividend Fund		540
	Fidelity	Fidelity International Index Fund		3,399
	Capital Group	American Fund The Growth Fund of America		13,769
	Vanguard	Index 500 Fund		64,926
	Nuveen	TIAA - CREF Small cap Blend Index Fund		6,884
	Northern Trust	Northern EM Equity Index Fund		5,943
	Fidelity	Fidelity Mid Cap Index Fund		11,252
	Allspring	Allspring Special MidCap Value		10,393
	Capital Group	American Funds New World Fund		5,405
				<u>4,626,179</u>
*	Notes receivable from participants	Interest rates from 6.50% - 9.50% per annum maturing at various dates through 2029		<u>82,423</u>
	Total assets held			<u>\$ 4,712,883</u>

* Indicates a party-in-interest

** Cost is not required for participant directed investments.

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 4085 of the Employee Retirement Income Security Act of 1974 (ERISA) and sections 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

2024

This Form Is Open to Public Inspection

Part I Annual Report Identification Information

For calendar plan year 2024 or fiscal plan year beginning 01/01/2024 and ending 12/31/2024


- A** This return/report is for: a multiemployer plan a multiple-employer plan (filers checking this box must provide participating employer information in accordance with the form instructions.)
- 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: Form 5558 automatic extension the DFVC program
- special extension (enter description)
- E** If this is a retroactively adopted plan permitted by SECURE Act section 201, check here:

Part II Basic Plan Information—enter all requested information

1a Name of plan BIOSYNTH INTERNATIONAL 401(K) PLAN		1b Three-digit plan number (PN) ▶ 001
2a Plan sponsor's name (employer, if for a single-employer plan) Mailing address (include room, apt., suite no. and street, or P.O. Box) City or town, state or province, country, and ZIP or foreign postal code (if foreign, see instructions) BIOSYNTH INTERNATIONAL 65 ZUB LANE GARDNER, MA 01440		1c Effective date of plan 04/01/2000
		2b Employer Identification Number (EIN) 36-3084973
		2c Plan Sponsor's telephone number (978) 630-0020
		2d Business code (see instructions) 541700

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		Date 10/9/24	Kathy Mirick Enter name of individual signing as plan administrator
SIGN HERE	Signature of employer/plan sponsor	Date	Kathy Mirick Enter name of individual signing as employer or plan sponsor
SIGN HERE	Signature of DFE	Date	Enter name of individual signing as DFE

For Paperwork Reduction Act Notice, see the instructions for Form 5500.

Form 5500 (2024)
v. 240311

**Filing Authorization
for the 2024 Form 5500 / Form 5500-SF**

Name of Plan: Biosynth International 401(k) Plan

EIN / Plan Number: 36-3084973/001

Plan Year Ending: December 31, 2024


PART I Authorization of Practitioner to Electronically Sign and File

I hereby authorize RPW Solutions, Inc. to electronically sign and file the above-named return/report through EFAST2.

I understand that in granting this authority:

- I/we must manually sign and date page 1 of the Form 5500 and / or page 2 of Form 5500-SF and provide a scanned copy of that signature page to RPW Solutions, Inc. before the electronic filing can be initiated;
- RPW Solutions, Inc. will retain a copy of this written authorization in its records;
- RPW Solutions, Inc. will notify the individual(s) signing below as plan administrator/employer about any inquiries and information it receives from EFAST2, DOL, IRS, or PBGC regarding this annual return/report; and
- A copy of my signature, as it appears on page 1 of the Form 5500 and / or page 2 of Form 5500-SF, will be included with the return/report posted by the Department of Labor on the Internet for public disclosure.
- RPW Solutions, Inc. shall not be deemed an administrator or other fiduciary with respect to any Plan solely on account of the services performed under this authorization.

This authorization is applicable only to the filing for the above-named Plan and applies only for Plan year end stated above.

Plan Administrator:  Date: 10/9/25

Employer/Plan Sponsor (if not the Plan Administrator): _____ Date: _____

PART II Acknowledgement of Receipt of Authorization

On behalf of RPW Solutions, Inc., I hereby certify that the firm will use the authority granted only for the express purposes described above; that the firm will not disclose confidential information to any parties other than the DOL, as required for EFAST filing; and that the firm will take reasonable steps to assure that confidential information provided by the Plan Administrator or Plan Sponsor is protected from unauthorized disclosure.

For RPW Solutions, Inc.: Date: _____
(signature and title)

The designated service provider must retain this authorization.
Do not submit this form to the DOL unless requested to do so.

Biosynth International 401(k) Plan
EIN 36-3084973 PN 001
Schedule H, Line 4i – Schedule of Assets (Held at End of Year)
Year Ended December 31, 2024

(a)	(b) Identity of Issue, Borrower, Lessor or Similar Party	(c) Description of Investment Including Maturity Date, Rate of Interest, Collateral, Par or Maturity Value	(d) ** Cost	(e) Current Value
		Interest-bearing cash:		
*	John Hancock	Interest-bearing cash:		\$ 4,281
		Pooled Separate Accounts:		
	Capital Group	American Fund 2010		30,673
	Capital Group	American Fund 2025		136,705
	Capital Group	American Fund 2030		295,803
	Capital Group	American Fund 2035		542,368
	Capital Group	American Fund 2040		1,576,551
	Capital Group	American Fund 2045		637,019
	Capital Group	American Fund 2050		476,848
	Capital Group	American Fund 2055		183,676
	Capital Group	American Fund 2060		365,191
	Capital Group	American Fund 2065		193,350
*	John Hancock	John Hancock Money Market Fund		3,351
	PIMCO	Pimco International Bond USD - Hedged		3,091
	Vanguard	Vanguard Balanced Index Fund		5,026
	Capital Group	American Fund American Balanced Fund		39,891
	Vanguard	Vanguard Total Wild Stock Index ETFund		1,322
	Vanguard	Vanguard Total International Stock Index		2,890
	Vanguard	Total Stock Market Index Fund		7,882
*	John Hancock	John Hancock International Growth		2,031
	Invesco	Invesco Diversified Dividend Fund		540
	Fidelity	Fidelity International Index Fund		3,399
	Capital Group	American Fund The Growth Fund of America		13,769
	Vanguard	Index 500 Fund		64,926
	Nuveen	TIAA - CREF Small cap Blend Index Fund		6,884
	Northern Trust	Northern EM Equity Index Fund		5,943
	Fidelity	Fidelity Mid Cap Index Fund		11,252
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