

## OTCQB Certification

I, Richard T Schumacher, President & CEO of Pressure BioSciences, Inc. (“the Company”), certify that:

- The Company is registered or required to file periodic reporting with the SEC or is exempt from SEC registration as indicated below:

**REGISTERED or REPORTING WITH THE SEC:**

- Company is registered under Section 12(g) of the Exchange Act  
 Company is reporting under Section 15(d) of the Exchange Act.  
 Company is a bank that reports to a Bank Regulator under Section 12(i) of the Exchange Act  
 Company is reporting under Regulation A (Tier 2)  
 Other (describe) \_\_\_\_\_

**EXEMPT FROM SEC REGISTRATION/NO SEC REPORTING OBLIGATIONS:**

- Company is exempt from registration under Exchange Act Rule 12g3-2(b)  
 Company is a bank that is non-SEC reporting but is current in its reporting to a Banking Regulator  
 Company is reporting under the Alternative Reporting Company Disclosure Guidelines and is otherwise exempt from registration and not required to file periodic reporting with the SEC

- The Company is current in its reporting obligations as of the most recent fiscal year end and any subsequent quarters, and such information has been posted either on the SEC’s EDGAR system or the OTC Disclosure & News Service, as applicable.
- The company is duly organized, validly existing and in good standing under the laws of the state or jurisdiction in which the Company is organized or does business.
- The share information below is for the primary OTCQB traded security as of the latest practicable date:

US Trading Symbol:		<u>PBIO</u>	<u>As of (date):</u>
Shares Authorized	(A)	<u>100,000,000</u>	<u>3/31/24</u>
Total Shares Outstanding	(B)	<u>33,959,659</u>	<u>3/31/24</u>
Number of Restricted Shares <sup>1</sup>	(C)	<u>12,597,091</u>	<u>3/31/24</u>
Unrestricted Shares Held by Officers, Directors, 10% Control Persons & Affiliates	(D)	<u>0</u>	<u>12/31/23</u>
Public Float: <i>Subtract Lines C and D from Line B</i>	(E)	<u>21,362,568</u>	<u>3/31/24</u>
% Public Float: <i>Line E Divided by Line B (as a %)</i> <sup>2</sup>	(F)	<u>62</u>	<u>3/31/24</u>
Number of Beneficial Shareholders of at least 100 shares <sup>3</sup>	(G)	<u>1,069</u>	<u>12/29/23</u>

<sup>1</sup> Restricted Shares means securities that are subject to resale restrictions for any reason. Your transfer agent should be able to provide the total number of restricted securities.

<sup>2</sup> Public Float means the total number of unrestricted shares not held directly or indirectly by an officer, director, any person who is the beneficial owner of more than 10 percent of the total shares outstanding (a “10 percent Control Person”), or any Affiliates thereof, or any Family Members of officers, directors, and control persons. Family Member shall mean a Person’s spouse, parents, children, and siblings, whether by blood, marriage or adoption, or anyone residing in such Person’s home. OTCQB traded securities are required to have a freely traded public float of at least 10% of the shares outstanding unless an exemption applies.

<sup>3</sup> Beneficial Shareholder means any person who, directly or indirectly has or shares voting power of such security or investment power, which includes the power to dispose, or to direct the disposition of, such security. OTCQB traded securities are required to have at least 50 beneficial shareholders unless an exemption applies.

5. Convertible Debt:

The following is a complete list of all promissory notes, convertible notes, convertible debentures, or any other debt instruments that may be converted into a class of the issuer’s equity securities that were issued or outstanding at any time during the last complete fiscal year and any interim period between the last fiscal year end and the date of this OTCQB Certification. **(If the note is no longer outstanding as of the current date, but was outstanding during the previously described period, the note must still be disclosed in the table below.):**

Check this box to confirm there were no promissory notes, convertible notes, or other convertible debt arrangements issued or outstanding at any point during this period.

Date of Note Issuance	Principal Amount at Issuance (\$)	Outstanding Balance (\$) (include accrued interest)	Maturity Date	Conversion Terms (e.g., pricing mechanism for determining conversion of instrument to shares)	# Shares Converted to Date	# of Potential Shares to be Issued Upon Conversion <sup>4</sup>	Name of Noteholder (entities must have individual with voting / investment control disclosed). <sup>5</sup>	Reason for Issuance (e.g., Loan, Services, etc.)
<b>Total Outstanding Balance:</b>				<b>Total Shares:</b>				

Use the space below to provide any additional details, including footnotes to the table above:

See attached

6. Disclosure and Administrative Service Providers:

Annual Report Preparation:

List any law firm(s) and attorney(s) (including internal counsel) that acted as the Company’s primary legal counsel in preparing its most recent annual report. (If no attorney assisted in putting together the disclosure, identify the person(s) who prepared the disclosure and their relationship to the company.)

Lucosky Brookman LLP

Ongoing Disclosure and Administrative Services:

List any other attorney or service provider, if different than the primary legal counsel listed above, that assisted the company during the prior fiscal year on any matter related to preparation of company disclosure documents, corporate actions and activities related to submission of a Form 211 or OTC Markets’ Application. **Please include the following items in this list: firm name, firm address, primary contact name and description of services provided.** If none, please state “None.”

\_\_\_\_\_

<sup>4</sup> The total number of shares that can be issued upon full conversion of the Outstanding Balance. The number should not factor any “blockers” or limitations on the percentage of outstanding shares that can be owned by the Noteholder at a particular time. For purposes of this calculation, please use the current market pricing (e.g. most recent closing price, bid, etc.) of the security if conversion is based on a variable market rate.

<sup>5</sup> International Reporting Companies may elect not to disclose the names of noteholders who are non-affiliates of the company. “Affiliate” is a Person that directly, or indirectly through one or more intermediaries, controls or is controlled by, or is under common control with, an officer, a director, or a shareholder beneficially owning 10 percent or more of the Company’s outstanding shares.

**PBIO Convertible Loans**

Investor	Issue Date	Conversion Price	12/31/23 Loan Principal	# of Shares Converted to Date	# of Potential Shares to be Converted	Reason for Issuance	Conversion Terms
Accredited Investor - JG	1/3/2019	\$ 2.50	\$ 50,000	-	20,000	Loan	See Footnote
Accredited Investor - LG	7/19/2019	\$ 2.50	\$ 115,000	-	46,000	Loan	See Footnote
Accredited Investor - RV	9/9/2019	\$ 2.50	\$ 495,000	-	198,000	Loan	See Footnote
Accredited Investor - LG	9/27/2019	\$ 2.50	\$ 78,750	-	31,500	Loan	See Footnote
Accredited Investor - LG	10/24/2019	\$ 2.50	\$ 78,750	-	31,500	Loan	See Footnote
Accredited Investor - CS	2/21/2020	\$ 2.50	\$ 165,000	-	66,000	Loan	See Footnote
Accredited Investor - RV	2/28/2020	\$ 2.50	\$ 291,500	-	116,600	Loan	See Footnote
Accredited Investor - CS	3/11/2020	\$ 2.50	\$ 330,000	-	132,000	Loan	See Footnote
Accredited Investor - CS	3/13/2020	\$ 2.50	\$ 165,000	-	66,000	Loan	See Footnote
Accredited Investor - CS	3/26/2020	\$ 2.50	\$ 111,100	-	44,440	Loan	See Footnote
Accredited Investor - CS	4/8/2020	\$ 2.50	\$ 276,100	-	110,440	Loan	See Footnote
Accredited Investor - CS	4/17/2020	\$ 2.50	\$ 143,750	-	57,500	Loan	See Footnote
Accredited Investor - CS	4/22/2020	\$ 2.50	\$ 115,000	-	46,000	Loan	See Footnote
Accredited Investor - CS	4/27/2020	\$ 2.50	\$ 258,750	-	103,500	Loan	See Footnote
Accredited Investor - CS	4/30/2020	\$ 2.50	\$ 172,500	-	69,000	Loan	See Footnote
Accredited Investor - CS	5/4/2020	\$ 2.50	\$ 287,500	-	115,000	Loan	See Footnote
Accredited Investor - CS	5/6/2020	\$ 2.50	\$ 172,500	-	69,000	Loan	See Footnote
Accredited Investor - CS	5/11/2020	\$ 2.50	\$ 120,750	-	48,300	Loan	See Footnote
Accredited Investor - CS	5/14/2020	\$ 2.50	\$ 100,500	-	40,200	Loan	See Footnote
Accredited Investor - CS	5/20/2020	\$ 2.50	\$ 172,500	-	69,000	Loan	See Footnote
Accredited Investor - CS	5/22/2020	\$ 2.50	\$ 230,000	-	92,000	Loan	See Footnote
Accredited Investor - CS	6/2/2020	\$ 2.50	\$ 250,250	-	100,100	Loan	See Footnote
Accredited Investor - CS	6/12/2020	\$ 2.50	\$ 57,500	-	23,000	Loan	See Footnote
Accredited Investor - CS	6/22/2020	\$ 2.50	\$ 138,000	-	55,200	Loan	See Footnote
Accredited Investor - CS	7/1/2020	\$ 2.50	\$ 184,000	-	73,600	Loan	See Footnote
Accredited Investor - CS	7/8/2020	\$ 2.50	\$ 402,500	-	161,000	Loan	See Footnote
Accredited Investor - CS	7/15/2020	\$ 2.50	\$ 97,750	-	39,100	Loan	See Footnote
Accredited Investor - CS	7/17/2020	\$ 2.50	\$ 264,500	-	105,800	Loan	See Footnote
Accredited Investor - CS	7/29/2020	\$ 2.50	\$ 345,000	-	138,000	Loan	See Footnote
Accredited Investor - MH	7/29/2020	\$ 2.50	\$ 115,000	-	46,000	Loan	See Footnote
Accredited Investor - CS	8/12/2020	\$ 2.50	\$ 172,500	-	69,000	Loan	See Footnote
Accredited Investor - CS	8/14/2020	\$ 2.50	\$ 289,950	-	115,980	Loan	See Footnote
Accredited Investor - CS	8/27/2020	\$ 2.50	\$ 138,000	-	55,200	Loan	See Footnote
Accredited Investor - CS	9/4/2020	\$ 2.50	\$ 80,500	-	32,200	Loan	See Footnote
Accredited Investor - CS	9/9/2020	\$ 2.50	\$ 172,500	-	69,000	Loan	See Footnote
Accredited Investor - TH	9/21/2020	\$ 2.50	\$ 345,000	-	138,000	Loan	See Footnote
Accredited Investor - CS	10/7/2020	\$ 2.50	\$ 126,500	-	50,600	Loan	See Footnote
Accredited Investor - RH	10/22/2020	\$ 2.50	\$ 115,000	-	46,000	Loan	See Footnote
Accredited Investor - CS	12/3/2020	\$ 2.50	\$ 172,500	-	69,000	Loan	See Footnote
Accredited Investor - CS	1/27/2021	\$ 2.50	\$ 115,000	-	46,000	Loan	See Footnote
Accredited Investor - CS	2/17/2021	\$ 2.50	\$ 115,000	-	46,000	Loan	See Footnote
Accredited Investor - RB	3/24/2021	\$ 2.50	\$ 55,000	-	22,000	Loan	See Footnote
Accredited Investor - CS	5/6/2021	\$ 2.50	\$ 402,500	-	161,000	Loan	See Footnote
Accredited Investor - CS	6/17/2021	\$ 2.50	\$ 230,000	-	92,000	Loan	See Footnote
Accredited Investor - CS	6/25/2021	\$ 2.50	\$ 977,500	-	391,000	Loan	See Footnote
Accredited Investor - AJ	6/28/2021	\$ 2.50	\$ 950,000	-	380,000	Loan	See Footnote
Accredited Investor - JL	7/1/2021	\$ 2.50	\$ 176,250	-	70,500	Loan	See Footnote
Accredited Investor - CS	7/3/2021	\$ 2.50	\$ 115,000	-	46,000	Loan	See Footnote
Accredited Investor - BW	7/6/2021	\$ 2.50	\$ 500,000	-	200,000	Loan	See Footnote
Accredited Investor - PG	7/6/2021	\$ 2.50	\$ 500,000	-	200,000	Loan	See Footnote
Accredited Investor - KS	7/16/2021	\$ 2.50	\$ 52,000	-	20,800	Loan	See Footnote
Accredited Investor - 6C	7/19/2021	\$ 2.50	\$ 352,188	-	140,875	Loan	See Footnote
Accredited Investor - CS	8/31/2021	\$ 2.50	\$ 189,750	-	75,900	Loan	See Footnote
Accredited Investor - JH	9/8/2021	\$ 2.50	\$ 74,000	-	29,600	Loan	See Footnote
Accredited Investor - KB	9/13/2021	\$ 2.50	\$ 117,175	-	46,870	Loan	See Footnote
Accredited Investor - PG	9/15/2021	\$ 2.50	\$ 250,000	-	100,000	Loan	See Footnote
Accredited Investor - BW	9/16/2021	\$ 2.50	\$ 250,000	-	100,000	Loan	See Footnote
Accredited Investor - HH	9/21/2021	\$ 2.50	\$ 250,000	-	100,000	Loan	See Footnote
Accredited Investor - JD	9/24/2021	\$ 2.50	\$ 50,000	-	20,000	Loan	See Footnote
Accredited Investor - MH	10/22/2021	\$ 2.50	\$ 189,750	-	75,900	Loan	See Footnote
Accredited Investor - MH	11/1/2021	\$ 2.50	\$ 189,750	-	75,900	Loan	See Footnote
Accredited Investor - WH	3/31/2022	\$ 2.50	\$ 100,000	-	40,000	Loan	See Footnote
Accredited Investor - GS	4/19/2022	\$ 2.50	\$ 95,000	-	38,000	Loan	See Footnote
Accredited Investor - PS	7/15/2022	\$ 2.50	\$ 22,000	-	8,800	Loan	See Footnote
Accredited Investor - DV	8/2/2022	\$ 2.50	\$ 25,000	-	10,000	Loan	See Footnote
Accredited Investor - NH	8/11/2022	\$ 2.50	\$ 50,000	-	20,000	Loan	See Footnote
Accredited Investor - MP	8/17/2022	\$ 2.50	\$ 50,000	-	20,000	Loan	See Footnote
Accredited Investor - JD	8/24/2022	\$ 2.50	\$ 200,000	-	80,000	Loan	See Footnote
Accredited Investor - KS	9/7/2022	\$ 2.50	\$ 50,000	-	20,000	Loan	See Footnote
Accredited Investor - QC	9/12/2022	\$ 2.50	\$ 47,250	-	18,900	Loan	See Footnote
Accredited Investor - BC	9/16/2022	\$ 2.50	\$ 84,750	-	33,900	Loan	See Footnote
Accredited Investor - JH	9/29/2022	\$ 2.50	\$ 54,080	-	21,632	Loan	See Footnote
Accredited Investor - FF	9/30/2022	\$ 2.50	\$ 262,500	-	105,000	Loan	See Footnote
Accredited Investor - TH	10/21/2022	\$ 2.50	\$ 230,000	-	92,000	Loan	See Footnote
Accredited Investor - PS	10/24/2022	\$ 2.50	\$ 50,000	-	20,000	Loan	See Footnote

Accredited Investor - JH	10/31/2022	\$	2.50	\$	56,160	-	22,464	Loan	See Footnote
Accredited Investor - CF	12/1/2022	\$	2.50	\$	261,019	-	104,408	Loan	See Footnote
Accredited Investor - RH	12/14/2022	\$	2.50	\$	115,000	-	46,000	Loan	See Footnote
Accredited Investor - MH	12/16/2022	\$	2.50	\$	172,500	-	69,000	Loan	See Footnote
Accredited Investor - VC	1/12/2023	\$	2.50	\$	170,000	-	68,000	Loan	See Footnote
Accredited Investor - SG	1/23/2023	\$	2.50	\$	1,197,900	-	479,160	Loan	See Footnote
Accredited Investor - KT	2/7/2023	\$	2.50	\$	26,000	-	10,400	Loan	See Footnote
Accredited Investor - MH	2/17/2023	\$	2.50	\$	86,250	-	34,500	Loan	See Footnote
Accredited Investor - DG	2/24/2023	\$	2.50	\$	100,000	-	40,000	Loan	See Footnote
Accredited Investor - JH	3/3/2023	\$	2.50	\$	104,000	-	41,600	Loan	See Footnote
Accredited Investor - MFT	3/13/2023	\$	2.50	\$	450,000	-	180,000	Loan	See Footnote
Accredited Investor - RV	3/24/2023	\$	2.50	\$	143,000	-	57,200	Loan	See Footnote
Accredited Investor - MFT	3/24/2023	\$	2.50	\$	450,000	-	180,000	Loan	See Footnote
Accredited Investor - MG	4/12/2023	\$	2.50	\$	104,000	-	41,600	Loan	See Footnote
Accredited Investor - AL	5/2/2023	\$	2.50	\$	200,000	-	80,000	Loan	See Footnote
Accredited Investor - DL	5/10/2023	\$	2.50	\$	44,052	-	17,621	Loan	See Footnote
Accredited Investor - VC	5/23/2023	\$	2.50	\$	100,000	-	40,000	Loan	See Footnote
Accredited Investor - MC	5/25/2023	\$	2.50	\$	105,000	-	42,000	Loan	See Footnote
Accredited Investor - RJ	6/9/2023	\$	2.50	\$	26,000	-	10,400	Loan	See Footnote
Accredited Investor - MV	6/14/2023	\$	2.50	\$	26,000	-	10,400	Loan	See Footnote
Accredited Investor - JC	6/15/2023	\$	2.50	\$	172,500	-	69,000	Loan	See Footnote
Accredited Investor - CF	6/30/2023	\$	2.50	\$	115,000	-	46,000	Loan	See Footnote
Accredited Investor - JC	6/30/2023	\$	2.50	\$	57,500	-	23,000	Loan	See Footnote
Accredited Investor - CS	7/5/2023	\$	2.50	\$	34,500	-	13,800	Loan	See Footnote
Accredited Investor - CA	7/10/2023	\$	2.50	\$	27,500	-	11,000	Loan	See Footnote
Accredited Investor - MC	7/12/2023	\$	2.50	\$	52,500	-	21,000	Loan	See Footnote
Accredited Investor - CS	7/13/2023	\$	2.50	\$	28,750	-	11,500	Loan	See Footnote
Accredited Investor - CS	7/18/2023	\$	2.50	\$	28,750	-	11,500	Loan	See Footnote
Accredited Investor - CS	7/21/2023	\$	2.50	\$	28,750	-	11,500	Loan	See Footnote
Accredited Investor - CS	7/26/2023	\$	2.50	\$	86,250	-	34,500	Loan	See Footnote
Accredited Investor - CS	7/27/2023	\$	2.50	\$	17,250	-	6,900	Loan	See Footnote
Accredited Investor - CS	8/10/2023	\$	2.50	\$	138,000	-	55,200	Loan	See Footnote
Accredited Investor - CS	8/24/2023	\$	2.50	\$	115,000	-	46,000	Loan	See Footnote
Accredited Investor - CS	9/7/2023	\$	2.50	\$	57,500	-	23,000	Loan	See Footnote
Accredited Investor - CS	9/11/2023	\$	2.50	\$	21,850	-	8,740	Loan	See Footnote
Accredited Investor - DL	9/11/2023	\$	2.50	\$	79,169	-	31,668	Loan	See Footnote
Accredited Investor - CS	9/20/2023	\$	2.50	\$	57,500	-	23,000	Loan	See Footnote
Accredited Investor - CS	9/27/2023	\$	2.50	\$	115,000	-	46,000	Loan	See Footnote
Accredited Investor - WH	10/1/2023	\$	2.50	\$	66,300	-	26,520	Loan	See Footnote
Accredited Investor - CS	10/4/2023	\$	2.50	\$	74,750	-	29,900	Loan	See Footnote
Accredited Investor - WE	10/6/2023	\$	2.50	\$	250,000	-	100,000	Loan	See Footnote
Accredited Investor - CF	10/17/2023	\$	2.50	\$	110,000	-	44,000	Loan	See Footnote
Accredited Investor - CS	10/18/2023	\$	2.50	\$	40,250	-	16,100	Loan	See Footnote
Accredited Investor - PB	10/25/2023	\$	2.50	\$	57,500	-	23,000	Loan	See Footnote
Accredited Investor - TH	10/26/2023	\$	2.50	\$	57,500	-	23,000	Loan	See Footnote
Accredited Investor - JG	11/16/2023	\$	2.50	\$	68,000	-	27,200	Loan	See Footnote
Accredited Investor - CS	11/20/2023	\$	2.50	\$	46,000	-	18,400	Loan	See Footnote
Accredited Investor - JH	11/22/2023	\$	2.50	\$	25,000	-	10,000	Loan	See Footnote
Accredited Investor - WP	11/29/2023	\$	2.50	\$	105,000	-	42,000	Loan	See Footnote
Accredited Investor - JH	12/15/2023	\$	2.50	\$	50,000	-	20,000	Loan	See Footnote
Accredited Investor - CS	12/18/2023	\$	2.50	\$	46,000	-	18,400	Loan	See Footnote
Accredited Investor - CS	12/20/2023	\$	2.50	\$	69,000	-	27,600	Loan	See Footnote
Accredited Investor - RK	12/21/2023	\$	2.50	\$	150,000	-	60,000	Loan	See Footnote
Accredited Investor - CS	12/24/2023	\$	2.50	\$	57,500	-	23,000	Loan	See Footnote
Accredited Investor - PB	12/29/2023	\$	2.50	\$	68,000	-	27,200	Loan	See Footnote
				\$	21,329,292		8,531,717		

(1) Conversion price of PBIO loans is the lower of (i) \$2.50 per share, or (ii) the purchase price of the stock sold by the Company at a price lower than \$2.50 per share where the transaction was not completed under an exclusion from the Series AA anti-dilution clause.

7. Investor Relations Providers:

The following is a complete list of third-party providers engaged by the Company, its officers, directors or controlling shareholders, at any time during the last complete fiscal year and any interim period between the last fiscal year end and the date of this OTCQB Certification, to provide investor relations services, public relations services, marketing, brand awareness, stock promotion, or any other related services to the Company. **Please include the following items in this list: firm name, firm address, primary contact name and description of services provided.** If none, please state "None."

Computershare	Transfer Agent
Malone Bailey	Auditors
J. Charles	Investor Relations
R. Bowersock	Investor Relations

8. Officers, Directors and 5% Control Persons:

The following is a complete list of Officers, Directors and 5% Control Persons (control persons are beneficial owners of five percent (5%) or more of any class of the issuer's equity securities). Preferred shares, options, warrants that can be converted into common shares within the next 60 days should be included in the shareholdings listed below.

**For beneficial shareholders that are corporate entities:** Provide the name and address of the person(s) owning or controlling such corporate entities. If the corporate entity owning 5% or more does not have a person(s) owning or controlling it, provide a note explaining why. If the corporate entity is a publicly traded company, provide the company's trading symbol and market.

**For nominee accounts owning 5% or more:** Provide the name of the 5% beneficial shareholder for this account. If there are no beneficial shareholders of 5% or more behind a nominee account, the nominee account does not need to be included in the table below.

**For issuers exempt from registration under Exchange Act Rule 12g3-2(b):** Complete the table below with the information described above for Officers, Directors and 10% Control Persons.

	Name (First, Last)	Position/company affiliation (ex: CEO, 5% control person)	City and State (And Country if outside US)	Number of Shares Owned (List common, preferred, warrants and options separately)	Class of shares owned	Percentage of Class of Shares Owned (undiluted)
1	Richard T Schumacher	President & CEO	Taunton, MA	855,903	Common	3.3
2	Jeffrey N Peterson	Chariman of the Board	Sunnyval e, CA	642,581	Common	2.5
3	Kevin A Pollack	Board Member	Canton, MA	308,252	Common	1.2
4	Micheal S Urdea	Board Member	Alamo, CA	270,667	Common	1.1
5	Vito J Manjiardi	Board Member	San Rafael, CA	240,925	Common	0.9
6	Edmund Y Ting	Sr VP of Engineering	Renton, WA	195,728	Common	0.8
7	Alexander V Lazarev	Chief Science Officer	Woburn, MA	254,594	Common	1.0

Use the space below to provide any additional details, including conversion terms of any class of the issuer's equity securities:

See breakout below:

- 1) Convertible securities include: (i) 736,186 shares of Common Stock issuable upon exercise of options within 60 days; (ii) 32,091 shares of Common Stock issuable upon the exercise of warrants, and (iii) 32,091 shares of common stock issuable upon conversion of Series AA Convertible Preferred Stock. Does not include 672 shares of Common Stock held by Mr. Schumacher's minor son as Mr. Schumacher's wife exercises all voting and investment control over such shares.
- 2) Convertible securities include: (i) 441,623 shares of Common Stock issuable upon exercise of options within 60 days; (ii) 65,200 shares of Common Stock issuable upon the exercise of warrants, and (iii) 65,200 shares of common stock issuable upon conversion of Series AA Convertible Preferred Stock.
- 3) Convertible securities include: (i) 233,311 shares of Common Stock issuable upon exercise of options within 60 days; (ii) 20,534 shares of Common Stock issuable upon the exercise of warrants, and (iii) 20,534 shares of common stock issuable upon conversion of Series AA Convertible Preferred Stock.
- 4) Convertible securities include: (i) 199,980 shares of Common Stock issuable upon exercise of options within 60 days; (ii) 20,200 shares of Common Stock issuable upon the exercise of warrants, and (iii) 20,200 shares of common stock issuable upon conversion of Series AA Convertible Preferred Stock.
- 5) Convertible securities include: (i) 216,646 shares of Common Stock issuable upon exercise of options within 60 days; (ii) 4,400 shares of Common Stock issuable upon the exercise of warrants, and (iii) 4,400 shares of common stock issuable upon conversion of Series AA Convertible Preferred Stock.
- 6) Convertible securities are 194,913 shares of Common Stock issuable upon exercise of options within 60 days.
- 7) Convertible securities include: (i) 186,892 shares of Common Stock issuable upon exercise of options within 60 days; (ii) 26,460 shares of Common Stock issuable upon the exercise of warrants, and (iii) 26,400 shares of common stock issuable upon conversion of Series AA Convertible Preferred Stock.

9. Certification:

Date: 6/30/24

Name of Certifying CEO or CFO: Richard T Schumacher

Title: President & CEO

Signature:   
(Digital Signatures should appear as "/s/ [OFFICER NAME]")