

## OTCQB Certification

I, Oliver Peoples, President and CEO of Yield10 Bioscience, Inc. (“the Company”), certify that:

1. 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

2. 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.
3. 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.
4. The share information below is for the primary OTCQB traded security as of the latest practicable date:

US Trading Symbol:		<u>YTEN</u>	<u>As of (date):</u>
Shares Authorized	(A)	<u>60,000,000</u>	<u>5/31/2024</u>
Total Shares Outstanding	(B)	<u>642,546</u>	<u>5/31/2024</u>
Number of Restricted Shares <sup>1</sup>	(C)	<u>0</u>	<u>5/31/2024</u>
Unrestricted Shares Held by Officers, Directors, 10% Control Persons & Affiliates	(D)	<u>104,412</u>	<u>5/6/2024</u>
Public Float: <i>Subtract Lines C and D from Line B</i>	(E)	<u>538,134</u>	<u>5/6/2024</u>
% Public Float: <i>Line E Divided by Line B (as a %)</i> <sup>2</sup>	(F)	<u>84%</u>	<u>5/6/2024</u>
Number of Beneficial Shareholders of at least 100 shares <sup>3</sup>	(G)	<u>419</u>	<u>6/1/2024</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.



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.)

Covington & Burling LLP Megan Gates, Esq.

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."

Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C.

919 Third Avenue

New York, NY 10022

Contact: Joel Papernik

General legal counsel and SEC counsel prior to moving to Covington & Burling LLP

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."

COR Prominence, LLC

PO BOX 328

Sea Cliff, NY 11579

Contact: Bret Shapiro

Investor and public relations services

Fischtank Marketing and PR

32 Broadway, Suite 1701

New York, NY 10004

Contact: Eric Fischgrund

Public relations services and media inquiries

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)
Jack W. Schuler	5% Control Person	Lake Forest, IL	66,708	Common	18.3% total
			62,289	Warrants	
Lynne H. Brum	VP, Planning and Corporate Communications	Chestnut Hill, MA	5,874	Common	1.3% total
			2,662	Options	
Charles B. Haaser	VP, Finance & CAO	Newburyport, MA	5,884	Common	1.3% total
			2,662	Options	
Oliver P. Peoples	President, Director & CEO	Arlington, MA	11,465	Common	3.5% total
			11,236	Options	
Kristi D. Snell	Chief Science Officer and VP, Research	Belmont, MA	6,751	Common	1.8% total
			4,708	Options	
Sherri M. Brown	Director	Weldon Spring, MO	947	Options	0.1% total
Richard W. Hamilton	Director	Calabasas, CA	3,025	Common	0.6% total
			563	Options	
Willie Loh	Director	Minneapolis, MN	338	Options	0.1% total
Anthony Sinskey	Director	Boston, MA	2,678	Common	0.6% total
			1,500	Options	
Robert van Nostrand	Director and Chairman	West Islip, NY	2,027	Common	0.5% total
			1,146	Options	

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

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#### 9. Certification:

Date: 6/18/2024

Name of Certifying CEO or CFO: Oliver Peoples

Title: President, Director & CEO

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