



# PERRY JOHNSON LABORATORY ACCREDITATION, INC.

## Certificate of Accreditation

*Perry Johnson Laboratory Accreditation, Inc. has assessed the Laboratory of:*

### ***Tetracore, Inc***

***9901 Belward Campus Drive, Rockville, MD 20850***

*(Hereinafter called the Organization) and hereby declares that Organization is accredited in accordance with the recognized International Standard:*

### **ISO/IEC 17025:2017**

This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (as outlined by the joint ISO-ILAC-IAF Communiqué dated April 2017):

***Chemical, Microbiological, and Biological Testing***  
*(As detailed in the supplement)*

Accreditation claims for such testing and/or calibration services shall only be made from addresses referenced within this certificate. This Accreditation is granted subject to the system rules governing the Accreditation referred to above, and the Organization hereby covenants with the Accreditation body's duty to observe and comply with the said rules.

For PJLA:

Tracy Szerszen  
President

Perry Johnson Laboratory  
Accreditation, Inc. (PJLA)  
755 W. Big Beaver, Suite 1325  
Troy, Michigan 48084

*Initial Accreditation Date:*

March 23, 2022

*Issue Date:*

March 23, 2022

*Expiration Date:*

May 31, 2024

*Accreditation No.:*

113377

*Certificate No.:*

L22-230

*The validity of this certificate is maintained through ongoing assessments based on a continuous accreditation cycle. The validity of this certificate should be confirmed through the PJLA website: [www.pjilabs.com](http://www.pjilabs.com)*



# Certificate of Accreditation: Supplement

## Tetracore, Inc

9901 Belward Campus Drive, Rockville, MD 20850  
 Contact Name: Mollie Grover Phone: 240-268-5400

*Accreditation is granted to the facility to perform the following testing:*

FIELD OF TEST	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS OR PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED	RANGE (WHERE APPROPRIATE) AND DETECTION LIMIT
Chemical <sup>F</sup>	Aqueous Samples Powder Samples Miscellaneous Specimens	Characterization via Scanning Electron Microscopy (SEM)	EQP-0035 IMG-0002 IMG-0006	Presence/Absence Structural
		Characterization via Dispersive Spectroscopy (Energy [EDS] and/or Wavelength [WDS]) on the SEM	EQP-0078 EQP-0121	Presence/Absence  0.01 % to 100 % for elements heavier than Lithium
	Powder Samples	Characterization of powders via X-ray Powder Diffraction Analysis (XRD)	EQP-0130	Presence/Absence
	Powder Samples Liquid Samples Soils Sediment	Characterization via X-ray Fluorescence (XRF) with automatic elemental analysis	EQP-0133	Presence/Absence  0.01 % to 100 % for elements heavier than Sodium
	Liquid Samples Powder Samples	Sample characterization and identification Spectrum acquisition via FT-IR in the mid-IR, far-IR, and near-IR spectral ranges	EQP-0105 EQP-0126 SPC-0001 SPC-0002	Presence/Absence
	Aqueous Samples Powder Samples	Sample characterization and identification via Raman	EQP-0163 EQP-0107 SPC-0002	Presence/Absence  785 nm wavelength, class 3B laser
	Powder Samples Soils Fibers Particles	Characterization via Polarized Light Microscopy	IMG-0008 IMG-0013 EQP-0082 EQP-0033	Presence/Absence Structural



# Certificate of Accreditation: Supplement

## Tetracore, Inc

9901 Belward Campus Drive, Rockville, MD 20850  
 Contact Name: Mollie Grover Phone: 240-268-5400

*Accreditation is granted to the facility to perform the following testing:*

FIELD OF TEST	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS OR PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED	RANGE (WHERE APPROPRIATE) AND DETECTION LIMIT
Microbiological <sup>F</sup>	Aqueous Samples Soils	Microbial Identification and Characterization via: Classical Microbiology MALDI-TOF MIDI Biolog Omnilog	MCR-0014 EQP-0045 EQP-0053 EQP-0058 EQP-0059 EQP-0086 EQP-0219 MCR-0004	Presence/Absence Identity
Biological <sup>F</sup>	Aqueous Samples Liquid Samples	Sample characterization via UV-Vis absorption spectra	EQP-0193	0.5 µL to 2 µL samples via Pedestal  DL and Range are absorptivity dependent
	Aqueous Samples Soils Sediment Swab Gauze	Antigen Detection via ELISA: Specific bacterial, toxin, and/or viral targets	IMM-0001 IMM-0002 IMM-0005	Presence/Absence
		Antigen Detection via multiplex panels: Specific bacterial, toxin, and/or viral targets	IMM-0005 IMM-0014 IMM-0019	
		Ricin Detection via Radix Kit	IMM-0005 IMM-0008 IMM-0020	
		Botulinum Toxin Detection via MAGPIX multiplex assay	IMM-0021	
			Presence/Absence  Bot A complex: 100 pg/mL Bot B complex: 300 pg/mL Bot E complex: 500 pg/mL Bot F complex: 300 pg/mL	



# Certificate of Accreditation: Supplement

## Tetracore, Inc

9901 Belward Campus Drive, Rockville, MD 20850  
 Contact Name: Mollie Grover Phone: 240-268-5400

Accreditation is granted to the facility to perform the following testing:

FIELD OF TEST	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS OR PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED	RANGE (WHERE APPROPRIATE) AND DETECTION LIMIT	
Biological <sup>F</sup>	Human Serum	Anthrax antibody detection	IMM-0011	Presence/Absence	
		Ricin antibody detection	IMM-0012		
	Aqueous Sample	Protein Quantitation	IMM-0026	5 µg/mL to 2 000 µg/mL protein	
	Aqueous Samples Powder Samples Soils Swab Gauze Paper Cloth/Tissue Bacterial Culture	DNA Identification via PCR Amplification		MOL-0018 MOL-0019	Presence/Absence
			Taqman PCR Inhibition Assay		
		Taqman PCR Target Assays			
		Next Generation Sequencing	MOL-0037 MOL-0039		
		RNA Concentration		MOL-0024 MOL-0038	RNA: 1 ng/µL to 1 000 ng/µL
		Double stranded (ds) DNA concentration			ds DNA: 0.010 ng/µL to 100 ng/µL
	Amplified PCR Product	Confirmation of DNA Identification via Pyrosequencing Analysis		MOL-0017	Presence/Absence
Swab of appropriate specimen for test	SARS-CoV-2 Detection		PCR-0002 PCR-0003		
Appropriate specimen for test (Serology)	SARS-CoV-2 Antibody Detection by Serology		SER-0001 SER-0002		

1. The presence of a superscript F means that the laboratory performs testing of the indicated parameter at its fixed location. Example: Outside Micrometer<sup>F</sup> would mean that the laboratory performs this testing at its fixed location.