PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

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

Stratum Reservoir (Isotech), LLC

1308 Parkland Court, Champaign, IL 61821

(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 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

Initial Accreditation Date:	*Issue Date:*	*Expiration Date:*
January 10, 2024	January 10, 2024	March 31, 2026

Accreditation No.:	*Certificate No.:*
120824	L24-32

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

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.pjlabs.com

Certificate of Accreditation: Supplement

Stratum Reservoir (Isotech), LLC
1308 Parkland Court, Champaign, IL 61821
Contact Name: Mr Jason Klemp Phone: 217-398-3490

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

FLEX CODE	FIELD OF TEST	ITEMS, MATERIALS, OR PRODUCTS TESTED	COMPONENT, CHARACTERISTIC, PARAMETER TESTED	SPECIFICATION OR STANDARD METHOD	TECHNOLOGY OR TECHNIQUE USED
F1, F4	Chemical [F]	Carbon containing products	Carbon Isotope Ratio ($^{13}C/^{12}C$)	Analysis of $\delta^{13}C$ of Solids/Liquids by EA-IRMS (Doc# 535)	EA-IRMS
F1, F4		Nitrogen containing products	Nitrogen isotope ratio: $^{15}N/^{14}N$	Analysis of $\delta^{15}N$ of Solids/Liquids by EA-IRMS (Doc# 536)	EA-IRMS
F1, F4		Sulfur containing products	Sulfur Isotope ratio: $^{34}S/^{32}S$	Analysis of δ34S of Solids/Liquids by EA-IRMS (Doc# 537)	EA-IRMS
F1, F4		Hydrogen containing products	Hydrogen Isotope ratio: (D/H)	Analysis of $\delta^{2}H$ of Solids/Liquids by TCEA-IRMS (Doc# 538)	TCEA-IRMS
F1, F4		Oxygen containing products	Oxygen Isotope ratio: $^{18}O/^{16}O$	Analysis of $\delta^{18}O$ of Solids/Liquids by TCEA-IRMS (Doc# 539)	TCEA-IRMS

1. The presence of a superscript F means that the laboratory performs testing of the indicated parameter at its fixed location.

2. Flex Code:
   F1-Introduction of the testing of a new item, material, matrix, or product for an accredited test method
   F2-Introduction of a new version of an accredited standard method (with no modifications)
   F3-Introduction of a new parameter/component/analyte to an accredited test method
   F4- Introduction of a new version or modifications of an accredited non-standard method
   F5-Introduction of a new method that is equivalent to an accredited method (using same technology or technique)