



# Cambridge Isotope Laboratories, Inc. Certificate of Analysis

**Product Name:** 2,2',3,4,4',5,5',6-OCTABDE (BDE-203)  
(Isotopic Label & Enrichment Specification) (13C12, 99%) 50 UG/ML IN NONANE

**Lot Number:** SDAE-012

**Catalog Number:** EO-5377-0

## Product Information

Chemical Purity Specification:  $\geq 98\%$

MW\*: 813.29

\* For isotopically labeled compounds, MW listed is for the fully enriched product.

Labeled CAS Number: NA

Unlabeled CAS Number: 337513-72-1

Chemical Formula:  $*C_{12}H_{2}Br_8O$

Storage: Store at room temperature away from light and moisture.

Stability: See storage and expiration date.

Intended Use: For Research Use Only. Not for use in diagnostic procedures.

## Certification

Cambridge Isotope Laboratories, Inc. guarantees that this material meets or exceeds the specifications stated. Absolute identity as well as chemical and isotopic purities are assured by the use of unambiguous synthetic routes and multiple chemical analyses whenever possible. Results are representative of QC testing at time of release from Quality Control unless otherwise stated. CIL Certificates of Analysis are occasionally updated with new data following recertification. We recommend checking the website for the latest version.

Volumetric measurements were made with Class A glassware. Gravimetry is traceable to the NIST through calibrated balances and certified, calibrated, standard weights. The calibrations are traceable to the NIST under Test No. 822/270236-04. The calibrations also meet specifications outlined in ISO 9001, ISO/IEC 17025, ANSI/NSCL Z540-1-1994, NCR Document 10CFR50 Appendix B, and applicable subdocuments.

This COA references the bulk catalog number before packaging. The COA also applies to the CIL finished good catalog number. Some possible packaging sizes and their corresponding suffix are -1.2, -1, -0.5, -10, or -0.1.

Approved by: T. J. Eckersley

Timothy J. Eckersley, Ph.D., Quality Review

## Quality Control Tests and Results

QC Release Date 4/15/2011

Recertification Date 4/21/2020

(continued on next page)

CIL subscribes to the following standards for different products: ISO Guide 34, ISO/IEC 17025, ISO 13485 and cGMP as appropriate.



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**Quality Control Tests and Results (continued)**

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Expiration Date	4/21/2030
Concentration Based on Gravimetry	50.0 µg/mL
Chemical Purity of Neat Material(s)	>98%
GC/ECD for Concentration	50.4 ± 4.4 µg/mL (k=2)

# Chemical Purity Report

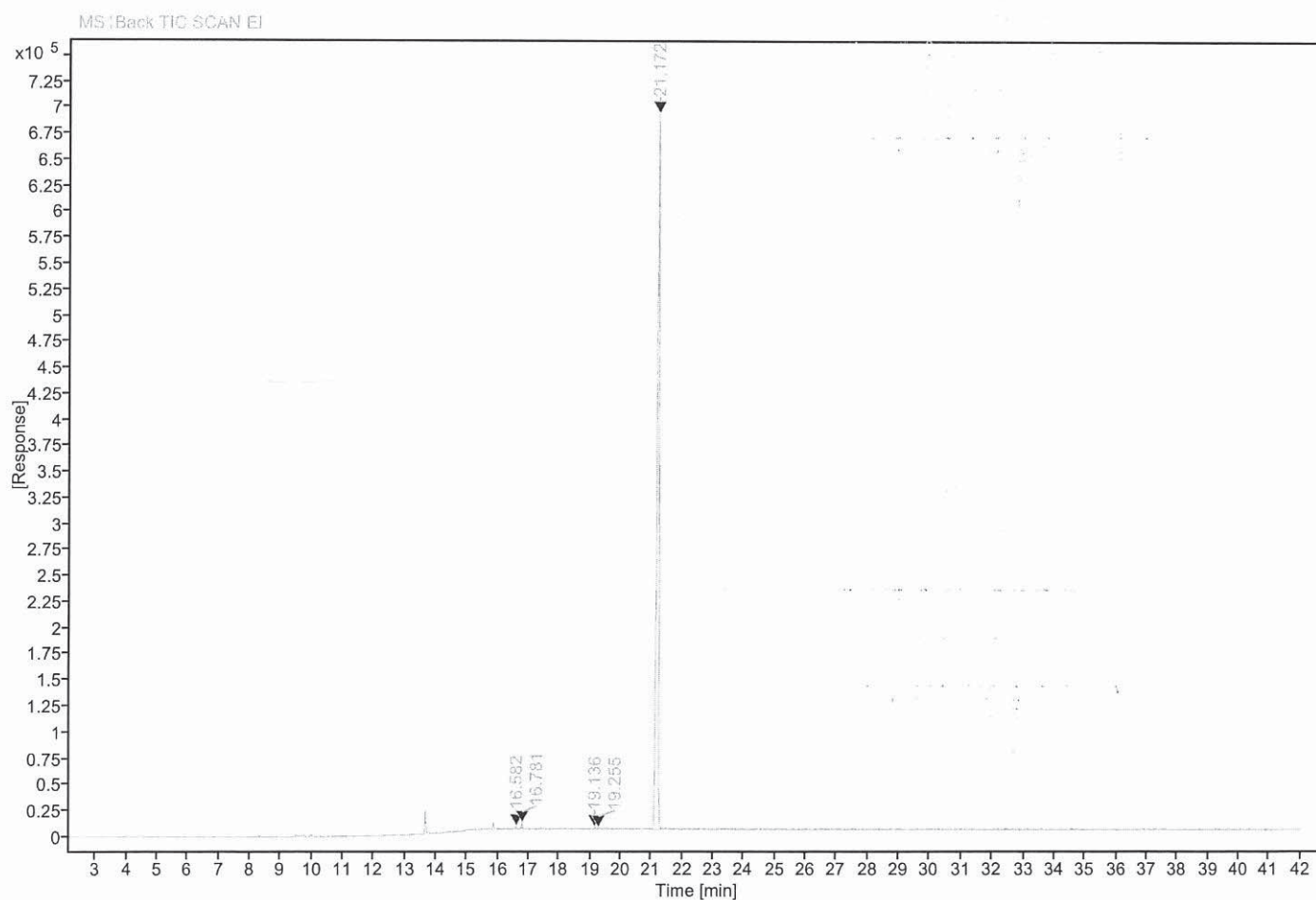


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Isotope  
Laboratories, Inc.

Sample name: 2,2',3,4,4',5,5',6-OCTABDE (BDE-203) 13C12 SDAE-012  
Description: EL EO-5377-0 QC-TM-161  
Data File Name: 04132009.dx  
Data file: /EUP-120/Results/041320\_08-09.rsl\04132009.dx  
Instrument: EUP-120 EI  
Injection date: 2020-04-13 12:29:46-04:00 Location: 84  
Acq. method: BDESC +20.amx Injection: 1 of 1  
Analysis method: MS\_DefaultMethod.pmx Injection volume: 1.000  
Last changed: 2020-04-13 13:36:39-04:00 Acq. operator: Melanie Arevalo

Signature: 

Date: 4/13/20 pages 1-4



# Chemical Purity Report



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