

Certificate of Analysis

L-Methionine (Methyl-13C)

Product No. A39248

Lot No. 2051251

Date of Manufacture 08Mar2019 Expiration Date 06Mar2024

13C NMR for Identification:

Specification: Conforms

Result: Meets Specification

1H NMR for Chemical Purity:

Specification: Conforms

Result: Meets Specification

AgNO3 Test for the Presence of Salts:

Specification: Conforms

Result: Meets Specification

GC/MS for Isotopic Enrichment:

Specification: greater than equal to 99%

Result: Meets Specification

HPLC for Chiral Purity:

Specification: greater than equal to 99% L

Result: Meets Specification

HPLC for Chemical Purity:

Specification: greater than equal to 98%

Result: Meets Specification

For Research Use Only. Not for use in diagnostic procedures. If you have any further questions about this Certificate of Analysis, please contact Technical Services at 1-800-955-6288 (US and Canada) or 1-760-603-7200, x2 (all other countries).

Thermo Fisher Scientific

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Anita Targosz QA Associate Director Issued on 15 Mar 2019