

Product Name: BETAINE
(Isotopic Label & Enrichment Specification) (D11, 98%)

Lot Number: PR-30082

Catalog Number: DLM-407-0

Product Information

Chemical Purity Specification: $\geq 98\%$

MW*: 128.21
* For isotopically labeled compounds, MW listed is for the fully enriched product.

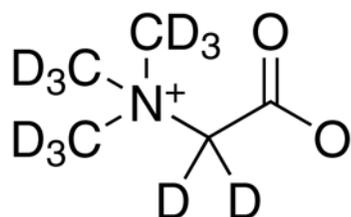
Labeled CAS Number: 203806-06-8

Unlabeled CAS Number: 107-43-7

Chemical Formula: $(CD_3)_3N^+CD_2COO^-$

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

Stability: Stable if stored under recommended conditions.



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. This COA references the bulk catalog number before packaging. The COA also applies to the CIL finished good catalog number which contains a different suffix such as -0.XX, -XXX, -10xX, -PK, etc. depending on the packaged size.

Approved by: Sashi Sivendran-Basak

Sashi Sivendran-Basak, Ph.D., Quality Review

Quality Control Tests and Results

1H NMR for Chemical Purity	Pass
1H NMR for Isotopic Enrichment	99.9%
AgNO ₃ Test for the Presence of Salts	Pass
Karl Fischer Titration for Total Water Content	6276 ppm
Melting Point Range Determination	286-290°C
Thin Layer Chromatography	Conforms