



CERTIFICATE OF ANALYSIS

20 Martin Ross Avenue, North York, ON, M3J 2K8, CANADA
Tel: (416) 665-9696, Fax: (416) 665-4439
Email: orders.trc@lgcgroup.com Website: www.trc-canada.com

1. Identification

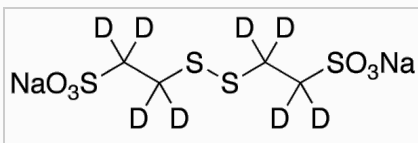
Catalogue Number: D460661

CAS Number: 1189975-43-6

Product: Dimesna-d8

Synonym: 2,2'-Dithiobisethanesulfonic Acid-d8 Sodium Salt; BNP 7787-d8; Bis(2-sulfoethyl)disulfide-d8 Disodium Salt; Disodium 2,2'-Dithiobis(ethanesulfonate)

Structure:



Molecular Formula:

C₄D₈Na₂O₆S₄

Molecular weight:

334.39

Source of Product:

Synthetic

Solubility:

Methanol (Slightly), Water (Slightly)

Lot Number: 2-SLD-97-1

Purity: 95%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Elemental Analysis	Conforms	%C: 14.53, %H: 2.41
HPLC Purity	Report Result	97.19% (ELSD)
NMR	Conforms to Structure	Conforms
Appearance	White to Off-White Solid	White to Off-White Solid
MS	Conforms to Structure	Conforms
Sodium Content	Report Result	13.52% by Ion Chromatography
Isotopic Purity	>95%	98.4%

Additional Information:

Normalized Intensity: d0 = 0.21%, d1 = 0.25%, d2 = 1.59%, d3 = 0.00%, d4 = 0.00%, d5 = 0.03%, d6 = 0.00%, d7 = 0.00%, d8 = 97.93%

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Swathi Reddy	Toni Rantanen	Chanell Chu	6/8/2022	6/6/2026

