



CERTIFICATE OF ANALYSIS

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1. Identification

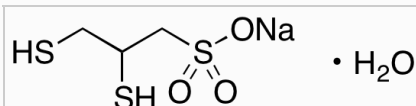
Catalogue Number: S083930

CAS Number: 207233-91-8

Product: Sodium 2,3-Dimercaptopropanesulfonate Monohydrate

Synonym: 2,3-Dimercapto-1-propanesulfonic Acid Sodium Salt Monohydrate;

Structure:



Molecular Formula:

C₃H₇NaO₃S₃ · H₂O

Molecular weight:

210.27 + (18.02)

Source of Product:

N/A

Solubility:

DMSO (Slightly), Methanol (Slightly), Water (Slightly)

Lot Number: 2023-QIU-159

Purity: 98%

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

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Off-White Solid	White Solid
HPLC Purity	Report Result	99.62% (ELSD)
MS	Conforms to Structure	Conforms
Water Content	Report Result	7.2% by Karl Fischer
Sodium Content	Report Result	10.32% by Ion Chromatography
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 15.78, %H: 3.83

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 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
Henry Tieu	Toni Rantanen	Chanell Chu	3/15/2023	3/13/2027