



CERTIFICATE OF ANALYSIS

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1. Identification

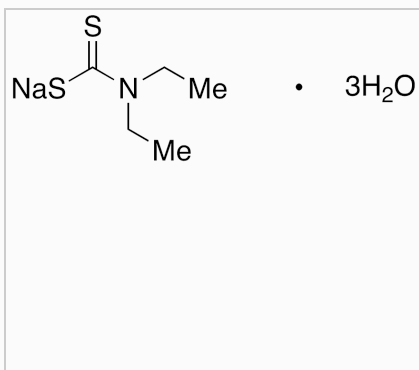
Catalogue Number: D444270

CAS Number: 20624-25-3

Product: Diethyldithiocarbamic Acid Sodium Salt Trihydrate

Synonym: Diethylcarbamodithioic Acid Sodium Salt Trihydrate; Sodium N,N-diethyldithiocarbamate Trihydrate;

Structure:



Molecular Formula:

C₅H₁₆NNaO₃S₂

Molecular weight:

225.31

Source of Product:

N/A

Solubility:

Methanol (Slightly), Water (Slightly)

Lot Number: 711760889-5-1

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	Off-White Solid
NMR	Conforms to Structure	Conforms
HPLC Purity	Report Result	99.79% (205 nm)
MS	Conforms to Structure	Conforms
Water Content	Report Result	27.3% by Karl Fischer
Sodium Content	Report Result	9.93% by Ion Chromatography
Elemental Analysis	Conforms	%C: 26.77, %H: 7.06, %N: 6.26

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 $\pm 2\%$. 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	Christina Gouliaras	3/9/2023	3/7/2027