



CERTIFICATE OF ANALYSIS

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1. Identification

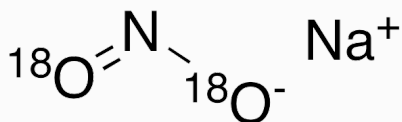
Catalogue Number: S648003

CAS Number: 123798-55-0

Product: Sodium Nitrite-18O2 "may contain up to 2% of 16O2"

Synonym: Nitrous-18O2 Acid Sodium Salt (10% 16O2);

Structure:



Molecular Formula:

NNa₁₈O₂

Molecular weight:

72.99

Source of Product:

Synthetic

Solubility:

Methanol (Slightly), Water (Slightly)

Lot Number: 4-PGG-23-6

Purity: N/A

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

Off-White to Pale Yellow Solid

Off-White to Pale Yellow Solid

MS

Conforms to Structure

Conforms

Additional Information:

Normalized Intensity: 18O0 = 0.74%, 18O1 = 19.02%, 18O2 = 80.25%

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

2/11/2022

2/9/2026