



CERTIFICATE OF ANALYSIS

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1. Identification

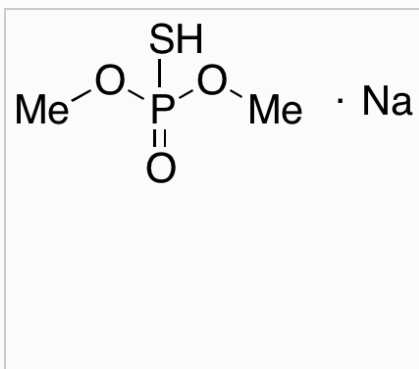
Catalogue Number: S624240

CAS Number: 23754-87-2

Product: Sodium O,O-Dimethyl Thiophosphate (Technical grade)

Synonym: Methyl Sodium Phosphorothioate ((MeO)₂(NaO)PS); O,O-Dimethyl Ester Phosphorothioic Acid Sodium Salt; O,O-Dimethyl S-Hydrogen Phosphorothioate Sodium Salt

Structure:



Molecular Formula:

C₂H₆NaO₃PS

Molecular weight:

164.1

Source of Product:

N/A

Solubility:

DMSO (Slightly), Methanol (Slightly)

Lot Number: 711891904-1-1

Purity: Technical Grade

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 Pale Beige Solid | White to Off-White Solid |
| NMR | Conforms to Structure | Conforms |
| MS | Conforms to Structure | Conforms |
| P NMR | Conforms to Structure | Conforms |

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 | 11/8/2023 | 11/6/2027 |