



## CERTIFICATE OF ANALYSIS

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### 1. Identification

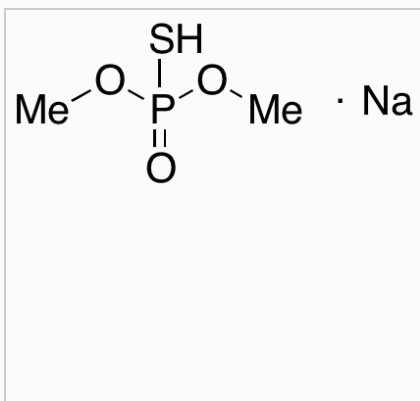
**Catalogue Number:** S624240

**CAS Number:** 23754-87-2

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

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

**Structure:**



**Molecular Formula:**

C<sub>2</sub>H<sub>6</sub>NaO<sub>3</sub>PS

**Molecular weight:**

164.1

**Source of Product:**

N/A

**Solubility:**

Chloroform (Very Slightly),  
DMSO (Slightly), Methanol  
(Slightly)

**Lot Number:** 2023-PVA-109

**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:
NMR	Conforms to Structure	Conforms
P NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Appearance	White to Pale Beige Solid	White to Off-White Solid

**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	3/27/2023	3/25/2027