



CERTIFICATE OF ANALYSIS

20 Martin Ross Avenue, North York, ON, M3J 2K8, CANADA
Tel: (416) 665-9696, Fax: (416) 665-4439
Email: orders.trc@lgcgroup.com Website: www.trc-canada.com

1. Identification

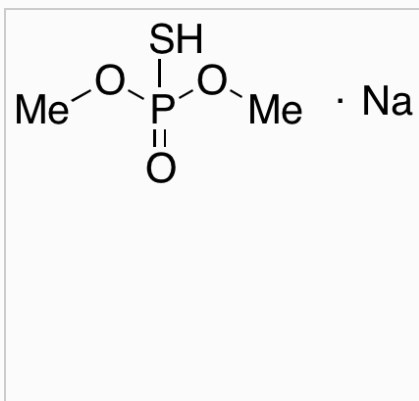
Catalogue Number: S624240

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:

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

Lot Number: 2022-ZEA-064

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

Nicole Yip

Toni Rantanen

Chanell Chu

11/30/2022

11/28/2026