



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

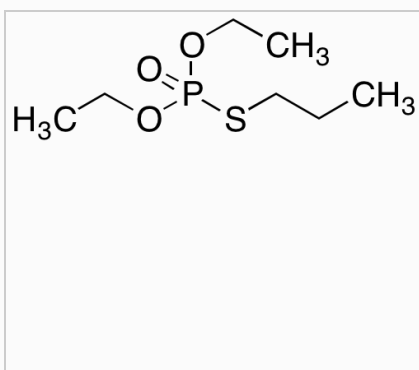
Catalogue Number: D443990

CAS Number: 20195-06-6

Product: O,O-Diethyl S-Propyl Phosphorothioate

Synonym: Ethyl Propyl Phosphorothioate ((EtO)₂(PrS)PO); Propyl Ethyl Phosphorothioate ((EtO)₂(PrS)PO); Propyl Ethyl Thiophosphate ((EtO)₂(PrS)PO);

Structure:



Molecular Formula:

C₇H₁₇O₃PS

Molecular weight:

212.25

Source of Product:

Synthetic

Solubility:

Chloroform (Sparingly),
Methanol (Slightly)

Lot Number: 2-ZMO-24-2

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	Colourless Oil	Clear Colourless Oil
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 39.61, %H: 8.24
GC	Report Result	98.52%
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

Henry Tieu

Reviewed By

Toni Rantanen

C of A Approved By

Chanell Chu

Test Date

5/13/2022

Retest Date

5/11/2026