



1. Identification

Catalogue Number

P359430

Lot Number

2025-RYL-001

Product Name

Phosphoric Acid Diethyl Ester

Synonyms

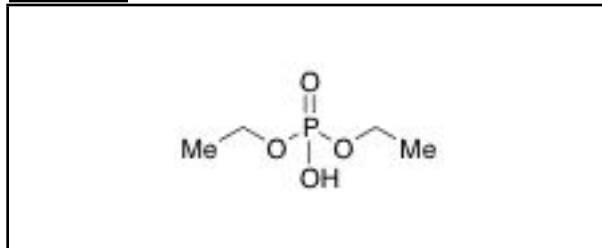
Ethyl Phosphate ((C₂H₅O)₂(HO)PO) (6CI); DEP; Diethyl Acid Phosphate; Diethyl Hydrogen Phosphate; Diethyl Phosphate; Diethyl Phosphoric Acid; JP 502; NSC 97178; O,O-Diethyl Hydrogen Phosphate

CAS Number

598-02-7

Solubility

Chloroform (Slightly), Methanol (Slightly)

StructureShipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular FormulaC₄H₁₁O₄PSource of Product

N/A

Long Term Storage Conditions

4°C, Inert atmosphere

Molecular Weight

154.1

Purity

>95%

2. Warnings

Moisture Sensitive

3. Analytical Information

Tests

Appearance

Specifications

Colourless to Pale Yellow Oil to Thick Oil

Results

Clear Colourless Thick Oil

NMR

Conforms to Structure

Conforms

P NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 30.76, %H: 6.86

MS

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

Jessica Wang Chi

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Sadaf Samadi

Quality Assurance Associate

Test Date

1/14/2025

Retest Date

1/12/2029