



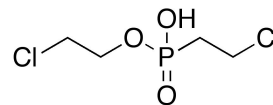
1. Identification

Catalogue Number

C366065

Lot Number

7-SNM-143-1

StructureProduct Name

2-Chloroethyl (2-Chloroethyl)phosphonate

Synonyms

Mono-2-chloroethyl 2-Chloroethylphosphonate; O-(2-Chloroethyl) Hydrogen 2-Chloroethylphosphonate; 2-Chloroethanephosphonic Acid Mono-2-chloroethyl Ester; 2-Chloro (2-Chloroethyl) Hydrogen Phosphonate Ethanol;

CAS Number

17378-30-2

Solubility

Chloroform (Slightly), Methanol
(Sparingly)

Shipping Condition

This Product Is Stable To Be Shipped At Room
Temperature

Molecular Formula $C_4H_9Cl_2O_3P$ Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Inert atmosphere

Molecular Weight

206.99

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

Colourless to Brown Oil to Thick Oil

Results

Clear Colourless Oil

NMR

Conforms to Structure

Conforms

P NMR

Conforms to Structure

Conforms

HPLC Purity

>95%

99.84% (ELSD)

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 $\pm 2\%$. 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

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Quality Assurance Associate

Test Date

2/29/2024

Retest Date

2/27/2028