

1. Identification

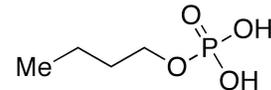
Catalogue Number

M525050

Lot Number

9-ABK-197-2

Structure



Product Name

Monobutyl Phosphate

Synonyms

Phosphoric Acid Monobutyl Ester; Butyl Diacid Phosphate; Butyl Dibasic Acid Phosphate; Butyl Dihydrogen Phosphate; Dihydrogen Monobutyl Phosphate; JAMP 4P; MP 4; Monobutyl Dihydrogen Phosphate; Monobutyl Phosphate; NSC 41911;

CAS Number

1623-15-0

Solubility

DMSO (Slightly), Ethyl Acetate (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₄H₁₁O₄P

Source of Product

Synthetic

Long Term Storage Conditions

4°C

Molecular Weight

154.1

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

Colourless to Light Brown Oil

Results

Clear Colourless to Pale Brown Oil

NMR

Conforms to Structure

Conforms

P NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 29.98, %H: 7.35

HPLC Purity

>95%

99.01% (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 ± 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
Jr. Quality Assurance

Test Date

4/19/2023

Retest Date

4/17/2027