



CERTIFICATE OF ANALYSIS

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1. Identification

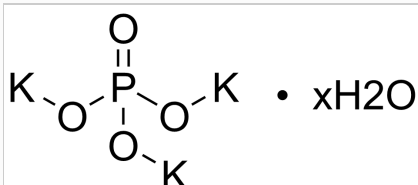
Catalogue Number: P359488

CAS Number: 27176-10-9

Product: Tripotassium Phosphate xHydrate

Synonym:

Structure:



Molecular Formula:

$K_3O_4P \cdot xH_2O$

Molecular weight:

$212.27 + x(18.02)$

Source of Product:

N/A

Solubility:

Water (Slightly)

Lot Number: 13-FGD-414-1

Purity: 95%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:

Specifications:

Results:

Appearance

White to Off-White Solid

White to Off-White Solid

P NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%H: 1.45

Water Content

Report Result

12.8% by Karl Fischer

Potassium Content

Report Result

50.8%

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

Reviewed By

C of A Approved By

Test Date

Retest Date

Meenakshi Sharma

Toni Rantanen

Chanell Chu

9/12/2023

9/10/2027