

Specification

Technical Data Sheet

CAS

7778-53-2

STORAGE

Ambient

MOLECULAR WEIGHT

212.27

PRODUCT

Potassium phosphate tribasic 98.9%

Product number 90033537

CAS number 7778-53-2

Molecular formula K₃PO₄

Molecular weight 212.27 g/mol

PARAMETER

SPECIFICATION

Appearance Hygroscopic white powder without foreign matters.**Assay** ≥97%**Identification** Positive tests for potassium and phosphate**Loss on Ignition** ≤3.0%**Bulk density** 0.60-1.00 g/cm³**Cadmium (Cd)** ≤1.0%**Fluoride (F-)** ≤10.0ppm**Granulometry** Cumulated retain on : 800um ≤15%**Heavy Metals (Pb)** ≤ 10ppm**Insoluble Matter** ≤0.20%**K₂O** 66.5%**P₂O₅** 33.0-34.0%**pH (1% sol.)** 11.7-12.3**Solubility** 94 g/100g water @ 20°C**Whiteness** ≥95.0%**Arsenic (As)** ≤1.0%

PARAMETER	SPECIFICATION
Lead (Pb)	≤1.0%
Mercury (Hg)	≤0.1ppm

SPECIFICATION STATEMENT	The values stated above represent the standard specification for this product, issued under Molekula Ltd 's quality management system. Batch-specific results are provided on the Certificate of Analysis.
STORAGE	Store as indicated on the product label, away from light, moisture and incompatible materials.

Molekula Ltd would like to thank you for your support of our products and service.
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