

Certificate of Analysis

Product Name:

Potassium phosphate monobasic *PurReagent*, Ph. Eur., NF, anhydrous, 98-100.5%

Product No.: PSR49805
Lot No.: Sample COA
Brand: PureSynth
CAS No.: 7778-77-0
Molecular Formula: KH_2PO_4
Molecular Weight: 136.09 g/mol
Date of Mfg.: NA
Date of Exp.: NA

Test	Specification	Result
Appearance	White Solid	White Solid
Assay (On dried basis)	98.0 - 100.5%	100.2 %
pH	4.2 - 4.5	4.30
Loss on Drying (at 105 °C)	NMT 1.0 %	0.8 %
Appearance of solution	Clear and colourless	Clear and colourless
Identification A	Reaction of phosphates	Conforms
Identification B	Reaction of potassium	Conforms
Arsenic	NMT 3 ppm	2.91 ppm
Lead	NMT 5 ppm	4.75 ppm
Heavy metals	NMT 0.002 %	0.001 %
Limit of fluorides	NMT 0.001 %	0.001 %
Insoluble substances	NMT 0.2 %	0.1 %

Remarks:

This is to certify that the mentioned batch has been analysed at the time of quality release and has been found to be in compliance with prescribed specifications

The current Specification sheet may be available at www.pure-synth.com

Inspect on receipt

Storage Condition:

Store at a room temperature and keep the container tightly closed.

PureSynth Research Chemicals GmbH

This is electronically-generated copy & is valid without a signature

The Certificate of Analysis (COA) is valid only for the lot specified and within the product's shelf life. Retesting is recommended after the expiry date or if storage conditions are compromised. We guarantee a proper quality within our General Conditions of Sales. The conditions are subject to change without prior notice.

For queries on this COA, please contact our technical team at technical@pure-synth.com