

CERTIFICATE OF ANALYSIS

Product Name: Potassium Phosphate Monobasic

Chemical Structure:



Lot Number: NU1100304

CAT Number: APL-0094

CAS Registry Number: 7778-77-0

Manufacture Date: 2021-03-04

Expiry Date: 2024-03-04

Molecular Formula: KH_2PO_4

Molecular Weight: 136.09 g/mol

Storage: RT

Analysis Data

Item	Specification	Results
Appearance	White to off-white, powder	White to off-white
Purity	99.0-100.5%	99.32%
pH (5.0% , Water) @25C	4.1-4.5	4.3
Loss on Drying (105°C)	≤ 0.2%	0.1%
Water Insoluble Matter	≤ 50.0 ppm	5 ppm
Iron (Fe)	≤ 10.0 ppm	5 ppm
Nitrogen Compounds	≤ 50.0 ppm	10 ppm
Heavy Metals (as Pb)	≤ 30.0 ppm	5 ppm
Sulfate (SO_4)	≤ 0.01%	0.008%
Chloride (Cl)	≤ 0.005%	0.004%
Arsenic (AS)	≤ 1.0 ppm	<1.0 ppm

The foregoing is a copy of the Certificate of Analysis as provided by our supplier

Jennifer LaBrecque

Jennifer LaBrecque 04/03/2021
Quality Assurance Manager

Conclusion: The above product meets the specifications of APOLO