



Certificate of Analysis.

Potassium phosphate dibasic for trace metal analysis in ICP-OES/ICP MS/IC/GF AAS/Flame AAS, 99.9%.

Product Code:	BS13927.
Description:	Potassium phosphate dibasic for trace metal analysis in ICP-OES/ICP MS/IC/GF AAS/Flame AAS, 99.9%.
Chemical Name:	Dipotassium hydrogen phosphate.
Pack Size:	25 gm.
CAS NO.:	7758-11-4.
Mol. Weight:	174.20 g/mol.
Mol. Formula:	K₂HPO₄.
MDL Number:	MFCD00011383.
Melting Point:	340 °C.
Boiling Point:	158 °C.
Density:	2.44 g/cm³.
Solubility:	Soluble in water.
Appearance:	White crystalline powder.
Storage:	Store at Ambient temperature.
LOT NO.:	Sample.
Manufacture Date:	Lot specific.
Expiry Date:	5 years.

Characteristics	Specification	Result
Chloride (Cl):	Max. 5 ppm.	Lot specific.
Antimony (Sb):	Max. 0.2 ppm.	Lot specific.
Arsenic (As):	Max 0.1 ppm.	Lot specific.
Barium (Ba):	Max. 1 ppm.	Lot specific.
Calcium (Ca):	Max. 0.5 ppm.	Lot specific.
Cadmium (Cd):	Max. 0.005 ppm.	Lot specific.
Cerium (Ce):	Max. 0.01 ppm.	Lot specific.
Cobalt (Co):	Max. 0.01 ppm.	Lot specific.
Chromium (Cr):	Max. 0.5 ppm.	Lot specific.
Copper (Cu):	Max. 0.005 ppm.	Lot specific.
Europium (Eu):	Max. 0.01 ppm.	Lot specific.
Iron (Fe):	Max. 0.1 ppm.	Lot specific.
Iridium (Ir):	Max. 0.5 ppm.	Lot specific.
Lanthanum (La):	Max. 0.01 ppm.	Lot specific.
Mercury (Hg):	Max. 5 ppb.	Lot specific.
Magnesium (Mg):	Max. 0.5 ppm.	Lot specific.



Manganese (Mn):	Max. 0.01 ppm.	Lot specific.
Nickel (Ni):	Max. 0.01 ppm.	Lot specific.
Lead (Pb):	Max. 0.005 ppm.	Lot specific.
Palladium (Pd):	Max. 0.5 ppm.	Lot specific.
Platinum (Pt):	Max. 0.5 ppm.	Lot specific.
Rhodium (Rh):	Max. 0.5 ppm.	Lot specific.
Ruthenium (Ru):	Max. 0.5 ppm.	Lot specific.
Strontium (Sr):	Max. 0.5 ppm.	Lot specific.
Selenium (Se):	Max. 0.01 ppm.	Lot specific.
Samarium (Sm):	Max. 0.01 ppm.	Lot specific.
Sodium (Na):	Max. 10 ppm.	Lot specific.
Thallium (Tl):	Max. 0.01 ppm.	Lot specific.
Vanadium (V):	Max. 0.1 ppm.	Lot specific.
Yttrium (Y):	Max. 0.01 ppm.	Lot specific.
Ytterbium (Yb):	Max. 0.01 ppm.	Lot specific.
Zinc (Zn):	Max. 0.01 ppm.	Lot specific.
Sulfate (SO ₄):	Max. 30 ppm.	Lot specific.
Total N:	Max. 10 ppm.	Lot specific.
Assay by Neutralization:	>99.9%.	Lot specific.

Please Note: - This material is only for laboratory purpose and not for human consumption. This is a computer generated COA, no stamp or signature is required.




Dr.K. Deepti.
Technical Head.

