



Certificate of Analysis.

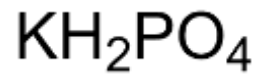
Potassium phosphate monobasic for trace metal analysis in ICP-OES/ICP MS/IC/GF AAS/Flame AAS.

Product Code:	BS13767.
Description:	Potassium phosphate monobasic for trace metal analysis in ICP-OES/ICP MS/IC/GF AAS/Flame AAS.
Chemical Name:	Potassium Phosphate.
Pack:	25 gm.
CAS No.:	7778-77-0.
Mol. Weight:	136.09 g/mol.
Mol. Formula:	KH₂PO₄.
MDL Number:	MFCD00011401.
Melting point:	252.6 °C.
Boiling point:	158 °C at 760 mmHg.
Density:	2.33 g/cm³.
Solubility:	Soluble in water.
Storage:	Store at ambient temperature.
LOT NO.:	Sample.
Manufacture Date:	Lot specific.
Expiry Date:	5 years.

Test	Specification	Measured Values
Appearance:	Crystalline powder.	Lot specific.
pH-value (5 %; water)	4.2 - 4.5	Lot specific.
Chloride (Cl)	5 ppm.	Lot specific.
Sulfate (SO ₄)	30 ppm.	Lot specific.
Total nitrogen (N)	10 ppm.	Lot specific.
Heavy metals (as Pb)	10 ppm.	Lot specific.
As (Arsenic)	2 ppm.	Lot specific.
Cu (Copper)	3 ppm.	Lot specific.
Fe (Iron)	10 ppm.	Lot specific.
Na (Sodium)	200 ppm.	Lot specific.
Pb (Lead)	10 ppm.	Lot specific.
Reducing substances	passes test	Lot specific.
Loss on drying (110 °C)	≤ 0.2 %	Lot specific.
Assay:	>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 s .



Dr. K. Deepti.
Technical Head.

