



Certificate of Analysis.

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

Product Code:	BS13766.
Description:	Potassium chloride for trace metal analysis in ICP-OES/ICP MS/IC/GF AAS/Flame AAS.
Chemical Name:	Potassium chloride.
Pack:	25 gm.
CAS No.:	7447-40-7.
Mol. Weight:	74.56 g/mol.
Mol. Formula:	KCl.
MDL Number:	MFCD00011360.
Melting point:	770 °C.
Boiling point:	1413 °C.
Density:	1.98 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:	White crystals.	Lot specific.
In water insoluble matter:	≤ 0.01 %	Lot specific.
pH-value (5 %; water):	5.5 - 8.0	Lot specific.
Bromide (Br):	500 ppm.	Lot specific.
Iodide (I):	20 ppm.	Lot specific.
Phosphate (PO ₄):	5 ppm.	Lot specific.
Sulfate (SO ₄):	50 ppm.	Lot specific.
Total nitrogen (N):	10 ppm.	Lot specific.
Heavy metals (as Pb):	5 ppm.	Lot specific.
Ba (Barium):	10 ppm.	Lot specific.
Ca (Calcium):	10 ppm.	Lot specific.
Fe (Iron):	3 ppm.	Lot specific.
Mg (Magnesium):	20 ppm.	Lot specific.
Na (Sodium):	200 ppm.	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 signature is required.

KCI



Dr. K. Deepti.
Technical Head.

