



## Certificate of Analysis.

### Potassium chloride, Trace metal basis.

Product code:	<b>BS13700.</b>
Description:	<b>Potassium chloride, Trace metal basis.</b>
Chemical Name:	<b>Potassium Chloride.</b>
Pack:	<b>100 gm.</b>
CAS NO.:	<b>7447-40-7.</b>
Mol. Weight:	<b>74.55 g/mol.</b>
Mol. Formula:	<b>KCl.</b>
MDL Number:	<b>MFCD00011360.</b>
Solubility:	<b>Soluble in water.</b>
Storage:	<b>Store at ambient temperature.</b>
LOT NO.:	<b>Sample.</b>
Manufacture Date:	<b>Lot specific.</b>
Expiry Date:	<b>5 years.</b>

Test	Specification	Measured Values
Appearance:	White powder to crystal	Lot specific.
Aluminium (Al):	Max.0.01 ppm.	Lot specific.
Arsenic (As):	Max.0.01 ppm.	Lot specific.
Barium (Ba):	Max.0.2 ppm.	Lot specific.
Beryllium (Be):	Max.0.01 ppm.	Lot specific.
Bismuth (Bi):	Max.0.1 ppm.	Lot specific.
Calcium (Ca):	Max.0.1 ppm.	Lot specific.
Cadmium (Cd):	Max.0.005 ppm.	Lot specific.
Cerium (Ce):	Max.0.005 ppm.	Lot specific.
Cobalt (Co):	Max.0.005 ppm.	Lot specific.
Chromium (Cr):	Max.0.5 ppm.	Lot specific.
Copper (Cu):	Max.0.01 ppm.	Lot specific.
Europium (Eu):	Max.0.005 ppm.	Lot specific.
Iron (Fe):	Max.0.01 ppm.	Lot specific.
Mercury (Hg):	Max.0.001 ppm.	Lot specific.
Iridium (Ir):	Max.0.5 ppm.	Lot specific.
Lanthanum (La):	Max.0.005 ppm.	Lot specific.
Lithium (Li):	Max.0.5 ppm.	Lot specific.
Magnesium (Mg):	Max.0.05 ppm.	Lot specific.
Manganese (Mn):	Max.0.01 ppm.	Lot specific.
Sodium (Na):	Max.5 ppm.	Lot specific.



Nickel (Ni):	Max.0.005 ppm.	Lot specific.
Lead (Pb):	Max.0.01 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.
Antimony (Sb):	Max.0.01 ppm.	Lot specific.
Scandium (Sc):	Max.0.005 ppm.	Lot specific.
Selenium (Se):	Max.0.01 ppm.	Lot specific.
Samarium (Sm):	Max.0.005 ppm.	Lot specific.
Strontium (Sr):	Max.0.1ppm.	Lot specific.
Thallium (TI):	Max.0.01 ppm.	Lot specific.
Vanadium (V):	Max.0.1 ppm.	Lot specific.
Yttrium (Y):	Max.0.005 ppm.	Lot specific.
Ytterbium (Y):	Max.0.005 ppm.	Lot specific.
Zinc (Zn):	Max.0.005 ppm.	Lot specific.
Phosphate (PO <sub>4</sub> ):	Max.5 ppm.	Lot specific.
Sulfate (SO <sub>4</sub> ):	Max.10 ppm.	Lot specific.
Total N:	Max.10 ppm.	Lot specific.
Assay (argentometric):	>99.8%.	99.9%.

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.

**K-C1**



**Dr. K. Deepti.**  
**Technical Head.**

