



Certificate of Analysis.

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

Product Code:	BS13741.
Description:	Cesium chloride for trace metal analysis in ICP-OES/ICP MS/IC/GF AAS/Flame AAS.
Chemical Name:	Cesium monochloride.
Pack Size:	100 gm.
CAS NO.:	7647-17-8.
Mol. Weight:	168.36 g/mol.
Mol. Formula:	CsCl.
MDL Number:	MFCD00010955.
Melting Point:	645 °C.
Boiling Point:	1303°C.
Density:	3.97 g/cm³.
Solubility:	Soluble in water.
Appearance:	White powder to crystal.
Storage:	Store at Ambient temperature.
LOT NO.:	Sample.
Manufacture Date:	Lot specific.
Expiry Date:	5 years.

Characteristics	Specification	Result
aluminium (Al):	Max. 0.02 ppm.	Lot specific.
Arsenic (As):	Max 0.005 ppm.	Lot specific.
Barium (Ba):	Max. 0.5 ppm.	Lot specific.
beryllium (Be):	Max 0.005 ppm.	Lot specific.
bismuth (Bi):	Max 0.05 ppm.	Lot specific.
Calcium (Ca):	Max. 0.5 ppm.	Lot specific.
Cadmium (Cd):	Max. 0.02 ppm.	Lot specific.
Cerium (Ce):	Max. 0.01 ppm.	Lot specific.
Cobalt (Co):	Max. 0.005 ppm.	Lot specific.
Chromium (Cr):	Max. 0.01 ppm.	Lot specific.
Copper (Cu):	Max. 0.005 ppm.	Lot specific.
Dysprosium (Dy):	Max. 0.01 ppm.	Lot specific.
Erbium (Er):	Max. 0.01 ppm.	Lot specific.
Europium (Eu):	Max. 0.01 ppm.	Lot specific.
Iron (Fe):	Max. 0.05 ppm.	Lot specific.
Gallium (Ga):	Max. 0.005 ppm.	Lot specific.



Gadolinium (Gd):	Max. 0.01 ppm.	Lot specific.
Mercury (Hg):	Max. 5 ppb.	Lot specific.
Holmium (Ho):	Max. 0.01 ppm.	Lot specific.
Indium (In):	Max. 0.005 ppm.	Lot specific.
Potassium (K)	Max. 1 ppm.	Lot specific.
Lanthanum (La)	Max. 0.01 ppm.	Lot specific.
Lithium (Li)	Max. 0.1 ppm.	Lot specific.
Lutetium (Lu)	Max. 0.01 ppm.	Lot specific.
Magnesium (Mg)	Max. 0.05 ppm.	Lot specific.
Manganese (Mn)	Max. 0.01 ppm.	Lot specific.
Molybdenum (Mo):	Max. 0.01 ppm.	Lot specific.
Sodium (Na):	Max. 1 ppm.	Lot specific.
Neodymium (Nd):	Max. 0.01 ppm.	Lot specific.
Nickel (Ni):	Max. 0.01 ppm.	Lot specific.
Lead (Pb):	Max. 0.01 ppm.	Lot specific.
Praseodymium (Pr):	Max. 0.01 ppm.	Lot specific.
Rubidium (Rb):	Max. 2 ppm.	Lot specific.
Antimony (Sb):	Max. 0.05 ppm.	Lot specific.
Scandium (Sc):	Max. 0.01 ppm.	Lot specific.
Samarium (Sm):	Max. 0.01 ppm.	Lot specific.
Strontium (Sr):	Max. 0.1 ppm.	Lot specific.
Terbium (Tb):	Max. 0.01 ppm.	Lot specific.
Thulium (Tm):	Max. 0.01 ppm.	Lot specific.
Uranium (U):	Max. 0.01 ppm.	Lot specific.
Vanadium (V):	Max. 0.01 ppm.	Lot specific.
Yttrium (Y):	Max. 0.01 ppm.	Lot specific.
Ytterbium (Yb):	Max. 0.01 ppm.	Lot specific.
Total N:	Max. 10 ppm.	Lot specific.
Zinc (Zn):	Max. 0.02 ppm.	Lot specific.
total S (as SO ₄):	Max. 20 ppm.	Lot specific.
Assay by Titration:	>99.5%.	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.

CsCl


Dr.K. Deepti.
Technical Head.

