



Certificate of Analysis.

Potassium citrate tribasic monohydrate eluent additive for LC-MS.

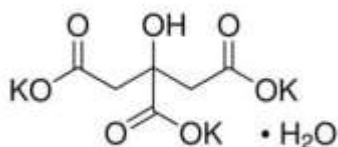
Product code:	BS14336.
Description:	Potassium citrate tribasic monohydrate eluent additive for LC-MS.
Chemical Name:	Tripotassium citrate monohydrate.
Pack:	25 gm.
CAS NO.:	6100-05-6.
Mol. Weight:	324.41 g/mol.
Mol. Formula:	HOC(COOK)(CH₂COOK)₂ · H₂O.
MDL Number:	MFCD00150442.
Melting point:	>180°C.
Boiling Point:	275°C.
Density:	1.980 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 crystalline powder.	Lot specific.
Aluminium (Al):	Max. 5 ppm.	Lot specific.
Arsenic (As):	Max. 0.1 ppm.	Lot specific.
Barium (Ba):	Max. 5 ppm.	Lot specific.
Bismuth (Bi):	Max. 5 ppm.	Lot specific.
Calcium (Ca):	Max. 10 ppm.	Lot specific.
Cadmium (Cd):	Max. 5 ppm.	Lot specific.
Cobalt (Co):	Max. 5 ppm.	Lot specific.
Chromium (Cr):	Max. 5 ppm.	Lot specific.
Copper (Cu):	Max. 5 ppm.	Lot specific.
Iron (Fe):	Max. 5 ppm.	Lot specific.
Lithium (Li):	Max. 5 ppm.	Lot specific.
Magnesium (Mg):	Max. 5 ppm.	Lot specific.
Manganese (Mn):	Max. 5 ppm.	Lot specific.
Molybdenum (Mo):	Max. 5 ppm.	Lot specific.
Sodium (Na):	Max. 1000 ppm.	Lot specific.
Nickel (Ni):	Max. 5 ppm.	Lot specific.
Lead (Pb):	Max. 5 ppm.	Lot specific.



Strontium (Sr):	Max. 5 ppm.	Lot specific.
Zinc (Zn):	Max. 5 ppm.	Lot specific.
Total S (as SO ₄):	Max. 50 ppm.	Lot specific.
Chloride (Cl):	Max. 50 ppm.	Lot specific.
Suitability for the LC-MS:	Complying.	Lot specific.
Assay:	>99.8%.	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.

