

Certificate of Analysis

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Product Name		Sodium Citrate IP	
Sr. No	Test	Result	Parameters
1	Description	White Crystalline Powder, Colourless	White granular crystals or a white, crystalline powder, odourless, slightly deliquescent in moist air
2	Solubility	Complies	Freely soluble in water, practically insoluble in ethanol (95%) and in ether.
3	Identification A and B	Complies	As per IP
4	Appearance of solution	Solution A is clear and colourless	As per IP
5	Acidity or Alkalinity	0.07 ml of 0.05 M H ₂ SO ₄	NMT 0.5 ml of 0.05 M H ₂ SO ₄ or 0.5 ml of 0.1 M H ₂ SO ₄ NaOH
6	Arsenic	<1 ppm	NMT 2 ppm
7	Heavy Metals	<2 ppm	NMT 10 ppm
8	Chlorides	<40 ppm	NMT 100 ppm
9	Oxalate	<30 ppm	NMT 300 ppm
10	Sulphate	<10 ppm	NMT 150 ppm
11	Tartrate	Complies	As per IP
12	Readily Carbonisable Substances	Complies	As per IP
13	Water	11.84%	11.0% to 13.0%
14	Assay (on anhydrous basis)	99.89%	99.0% to 101.0%