

Certificate of Analysis

Product Name		Citric Acid Monohydrate (Possy)	
SR.	TESTS	SPECIFICATION	RESULT
1	Description	Colourless crystals.	Colourless crystals or a white crystalline powder, slightly efflorescent in warm, Dry air
2	Solubility	Complies	Very soluble in water, Freely soluble in alcohol, Sparingly soluble in ether
3	Identification A, B and C	As per IP	Complies
4	Appearance of Solution	As per IP	Solution is clear and colourless
5	Arsenic	<1 ppm	NMT 1 ppm
6	Barium	Complies	As per IP
7	Calcium	<10 ppm	NMT 200 ppm
8	Heavy Metals	<2 ppm	NMT 10 ppm
9	Iron	<5 ppm	NMT 50 ppm
10	Chloride	<10 ppm	NMT 50 ppm
11	Sulphate	<15 ppm	NMT 150 ppm
12	Oxalic acid	Complies	NMT 300 ppm
13	Readily Carbonisable subs.	Complies	As per IP
14	Sulphated Ash	0.02%	NMT 0.1%
15	Water	8.65%	7.5% to 9.0%
16	Assay (On anhydrous basis)	99.23%	99.0% to 101.0%