

Certificate of Analysis

Product	Dextrose Anhydrous
Grade	IP

Sr.No	Description of Test	Specification/Limits	Result
1	Description	A White crystalline powder	Complies
2	Identification	A] When heated it melts , swells up & burns & an odor of burnt sugar is perceptible. B] Dissolve 0.1g in 10 ml of Water, add 3 ml potassium cupri-tartrate Solution; The solution is blue and clear. Heat to boiling; a copious red precipitate is formed	Complies
3	Appearance and Odour of solution	Dissolve 10.0g in 15 ml of water. The solution is clear, not more intensely coloured than reference solution BYS7, and is odorless.	Complies
4	Acidity or alkalinity	NMT 0.15 ml of 0.1 M NaOH per 6gm of the substance.	0.091
5	Specific Optical Rotation(10% W/V solution)	+52.50-+53.30	+52.92
6	Arsenic	NMT 1 ppm	Complies
7	Heavy metals	NMT 5 ppm	Complies
8	Chloride	NMT 125 ppm	Complies
9	Sulphate	NMT 200 ppm	Complies
10	Sulphite	Conforms	Complies
11	Barium	Conforms	Complies
12	Foreign sugars, soluble starch and destrins .	Conforms	Complies
13	Sulphated ash	NMT 0.10%	0.038
14	Water	NMT 1.0% w/w	0.46