

Certificate of Analysis

Product	POTASSIUM IODIDE IP
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Sr.No	Description of Test	Specification/Limits	Result
1	Description	Colorless crystals or a white powder; odorless	A white powder ; odorless
2	Solubility	Very soluble in water, freely soluble in glycerin, soluble in ethanol 95.0%	Complies the test
3	Identification	The solution gives the reaction of potassium salts and of iodides.	Complies the test
4	Appearance of solution	Solution A is clear and colorless	Clear and colorless
5	Alkalinity	No color is produced on addition of drop of a phenolphthalein solution.	Complies the test
6	Arsenic	NMT 2 ppm	Not detected
7	Heavy metals	NMT 10 ppm	Less Than 10 ppm
8	Iron	NMT 20 ppm	Less Than 20 ppm
9	Barium	No turbidity developers with in one min.	Complies the test
10	Cyanide	No blue color is produced	Complies the test
11	Iodate	No blue color is produced with in 2 min.	Complies the test
12	Sulphate	NMT 150 ppm	Less than 150 ppm
13	Thiosulphate	A blue color is produced.	Complies the test
14	Loss on Drying	NMT 1.0%	0.24%
15	Assay (on dried basis)	NLT 99.0% and NMT 100.5% of KI	99.32%