

Commodity : BARIUM CHLORIDE												
Selling Unit : Volume-ml												
S.No.	Parameters	Type	Value 1	Value 2	Value 3	Value 4	Validation	Unit	M	F	G	Demand aggregation
Grade												
	Grade of Barium Chloride		Technical	AR								
REQUIREMENTS FOR BARIUM CHLORIDE												
1	Assay (as BaCl ₂ ·2H ₂ O), percent by mass	N	99.0 to 102.0	99 to 101.0					√	√		1
2	Matter insoluble in water, percent by mass, Max	N	0.1	0.005					√	√		2
3	Oxidizing substances (as NO ₃), percent by mass, Max	N		0.002					√			3
4	Heavy metals (as Pb), mg/kg, Max	N	100	3					√	√		4
5	Iron (as Fe), percent by mass, Max	N	0.002	0.0001					√	√		5
6	Substances notprecipitated bysulphuric acid, percent by mass,Max	N	0.2	0.02					√	√		6
7	Calcium and strontium salts, percent by mass, Max	En		0.1 for AR					√			7
8	ph (of aqueous solution)	N	5.0 to 8.0	5.0 to 8.0					√	√		8
9	Water soluble sulphides (as S), mg/kg,Max	En	20 for Technical						√			9
10	Sodium (as Na),percent by mass,Max	En		0.02 for AR					√			10
11	Potassium (as K),percent by mass, Max	En		0.02 for AR					√			11
12	Sulphur compounds (as S)	N	To pass test						√	√		12
13	Copper (as Cu), percent by mass,Max	N	0.002						√			13
Physical Characteristics												
14	Form		Crystals free from extraneous impurities						√			14
15	Colour	CH	Colourless						√			15
Packing , Marking and Labeling												
16	Type of Packing	CH	Clean jute fo Technical grade	Glass bottles fo AR grade					√			16
17	Each container shall bear legibly and indelibly the following information: a) Name and grade of the material; b) Name of the manufacturer and/or his recognized trade-mark, if any; c) Net mass of the contents; d) Date of manufacture; and e) Batch number	CH	YES						√			17
18	The containers may also be marked with the ISI Certification Mark.	CH	YES						√			18
Certification												
19	Barium Chloride IS:5288(Latest)	CH	YES						√			19
20	Whether ISI Marked	CH	YES	NO					√	√		20
21	CM/L Number(Must declare if ISI Marked)	CH	YES						√			21
Test Report Details												

22	Availability of Test Report from Central Govt/ State Govt/NABL/ILAC accredited lab(hint: Must be declared)	CH	Yes	No						v	v		22
23	Test Report Number(Must be declared, write NA if Test Report is not available)	CH								v			23
24	Test Report date(Must be declared, write NA if Test Report is not available)	CH								v			24
25	Name of the Lab(Must be declared, write NA if Test Report is not available)	CH								v			25
26	Address of the Lab(Must be declared, write NA if Test Report is not available)	CH								v			26
27	Test Report to be furnished to the Buyer on demand(Must be declared, write NA if Test Report is not available)	CH								v			27

