

Drugs and Pharmaceutical Products UNSPSC CODE : 51000000												
Radiopharmaceuticals and contrast media UNSPSC CODE : 51440000												
Combination diagnostic agents UNSPSC CODE : 51441800												
Commodity : SODIUM BICARBONAE UNSPSC CODE : 51441802											Selling	
Unit : mass-gm												
S.No.	Parameters	Type	Value 1	Value 2	Value 3	Value 4	Validation	Unit	M	F	G	Demand aggregation
			Grade									
			Pure	AR	Refined							
REQUIREMENTS FOR SODIUM BICARBONATE												
1	Total alkalinity (as NaHCO ₃) percent by mass, Min	N	99	99.8	99				√	√		1
2	pH (1 percent aqueous solution), Max	N	8.6	8.4	8.8				√	√		2
3	Chlorides (as Cl), percent by mass, Max	N	0.01	0.001	0.06				√	√		3
4	Insoluble matter, percent by mass, Max	N	0.05	0.01	0.1				√	√		4
5	Sulphates (as SO ₄), percent by mass, Max	N	0.05	0.003	0.07				√	√		5
6	Iron (as Fe), percent by mass, Max	N	0.0015	0.0005	0.004				√	√		6
7	Heavy metals (as Pb), parts per million, Max	N	5	5	5				√	√		7
8	Arsenic (as As), parts per million, Max	N	1.5	0.4	1.5				√	√		8
9	Ammonium compounds (as NH ₄), parts per million, Max	N	To pass test	5	NA				√	√		9
10	Phosphates (as PO ₄), percent by mass, Max	N	NA	0.0005	NA				√	√		10
11	Calcium and magnesium (as Ca), percent by mass, Max	N	NA	0.0015	NA				√	√		11
12	Copper (as Cu), part per million, Max	N	30	NA	30				√	√		12
13	Nitrates (as NO ₃), percent by mass, Max	N	NA	0.001	NA				√	√		13
14	Silicates (as SiO ₂), percent by mass, Max	N	NA	0.005	NA				√	√		14
15	Potassium (as K), percent by mass, Max	N	NA	0.01	NA				√	√		15
16	Substances reducing iodine, percent by mass, Max	N	NA	0.0065	NA				√	√		16
Physical Characteristics												
17	Material	CH	All the three grades shall be in the form of small, opaque, monoclinic crystals or as a white, minutely crystalline powder, free from dirt and other foreign matter.						√			17
18	Form	CH	Crystal	Minutely crystalline powder					√	√		18
19	Colour	CH	Colourless						√			19
Packing , Marking and Labelling												
20	The material shall be packed as agreed to between the purchaser and the supplier.	CH	YES						√			20
21	The packages shall be securely closed and legibly marked with the following information: a) Name and grade of the material, b) Indication of the source of manufacture, c) Mass of the material in the packaging.	CH	YES						√			21
22	The packages may also be marked with the Standard Mark.	CH	YES						√			22
Certification												
23	Conforming to IS:2124(Latest)	CH	YES						√			23
24	Whether ISI Marked	CH	YES	NO					√	√		24
25	CM/L Number(Must declare if ISI Marked)	CH	YES						√			25
Test Report Details												

26	Availability of Test Report from Central Govt/ State Govt/NABL/ILAC accredited lab(hint: Must be declared)	CH	Yes	No						√	√		26
27	Test Report Number (Must be declared, write NA if Test Report is not available)	CH								√			27
28	Test Report date(Must be declared, write NA if Test Report is not available)	CH								√			28
29	Name of the Lab(Must be declared, write NA if Test Report is not available)	CH								√			29
30	Address of the Lab(Must be declared, write NA if Test Report is not available)	CH								√			30
31	Test Report to be furnished to the Buyer on demand(Must be declared, write NA if Test Report is not available)	CH								√			31