

Food Beverage and Tobacco Products UN				
Seasonings and preservatives UNSPS				
Herbs and spices and extracts UNSP				
Commodity-Iodized salt, vacuum evaporated iodized salt and refi				
Selling Unit : Quantity-				
Sr. No.	Parameters	Type	Value 1	Value 2
<b>Physical Characteristi</b>				
1	Type of salt	Ch	<i>Refined iodized salt</i> (Refined iodized salt is solar/rock salt from which soluble and insoluble impurities are reduced by employing mechanical washing, centrifuging and iodizing, drying, sieving, coating with permitted anticaking agents as prescribed under PFA rules 1955)	<i>Vacuum evaporated iodized salt</i> (Vacuum evaporated iodized salt is made by evaporating brine employing forced evaporators operating under vacuum, centrifuging, iodizing, drying, and coating with permitted anticaking agents as prescribed under PFA rules 1955)
2	Impurities		It shall be free from visible contamination with clay, grit or other extraneous adulterants or impurities	
3	Particle size		For refined iodized salt, minimum 95 percent of the material shall pass through 1mm IS sieve and not more than 10 percent by mass shall pass through 150 micron IS sieve.	-
<b>Requirements</b>				
			<i>Refined iodized salt /Vacuum evaporated iodized salt</i>	<i>Iodized salt</i>
4	Moisture, percent by mass, Max.	N	0.50	6.00
5	Water insoluble matter, percent by mass, on dry basis, Max	N	1.00	1.00
6	Chloride content (as NaCl), percent by mass, on dry basis, Min	N	98.50	96.00

7	Matter soluble in water other than sodium chloride, percent by mass, on dry basis, Max	N	1.00	3.00
8	Calcium (as Ca), percent by mass, on dry basis, Max	N	0.15	NA
9	Magnesium (as mg), percent by mass, on dry basis, Max	N	0.10	NA
10	Sulphate (as SO <sub>4</sub> ), percent by mass, Max	N	0.60	–
11	Iodine content, ppm, Min Manufacturer's level	N	30.00	–
12	Iodine content, ppm, Min Distribution channel including retail level		15.00	–
13	Alkalinity (as Na <sub>2</sub> CO <sub>3</sub> ), percent by mass, Max	EN	0.15	–
14	Lead (as Pb), ppm, Max	N	2.00	2.50
15	Arsenic (as As), ppm, Max	N	1.00	–
16	Iron (as Fe), ppm, Max	N	50	–
<b>Packing</b>				
17	The material shall be packed in jute bags having inside polyethylene liner or HDPE bags or in packages as agreed to between the purchaser and the supplier.	Ch	Yes	
18	For consumer packing the material shall be packed in food grade plastics. The thickness of the plastic film used for packing shall be not less than 50 microns.	Ch	Yes	
19	Packing size (kg)	N	0.5	1
<b>Marking</b>				

20	The packages shall be marked legibly and indelibly with the following information: a)Name and type of product; b)Name and addressof the manufacturer; c)Net weight (kg); d)iodizing agent used; e)Iodine content when packed; f)Date of Manufacturing (Month and year); g)Batch or Code number; h)Best before date; i)Instructions for storage 'Store in a cool and dry place'	Ch	Yes	
<b>Shelf Life</b>				
21	Shelf Life	N		
<b>Certification</b>				
22	Compliance to FSSAI Standards	Ch	Yes	
23	FSSAI License Number for Manufacturing	Ch	Text	
24	FSSAI License Number for Reselling	Ch	Text	
25	Conformity to BIS specifications 7224 (Latest)	Ch	Yes	
26	BIS License number, if ISI Marked	Ch	Text	
27	Whether ISI marked	Ch	Yes	No
<b>Test Report Details</b>				
28	Availability of Test Report from Central Govt/NABL/ILAC accredited lab to prove conformity to specification	Ch	Yes	No
29	Test Report to be submitted to the Buyer on Demand write NA if Test report is not available	Ch	Yes	NA

\* 20,50

UNSPSC Code 50000000

IC Code 50170000

SC Code 50171500

Iodized salt, UNSPSC code: 50171551

Kg

cs

Value 3	Value 4	Validation / Remarks	Unit	M	F	G	Demand Aggregation
---------	---------	----------------------	------	---	---	---	--------------------

<i>Iodized salt</i> (Iodized salt is solar/rock salt mixed with iodizing chemical and dried if required. Material shall be a crystalline solid, white or pale pink and light grey in colour.)				√	√		
---	--	--	--	---	---	--	--

				√			
--	--	--	--	---	--	--	--

For iodized salt, minimum 95 percent by mass of the material shall pass through 4.00 mm IS sieve.							
---	--	--	--	--	--	--	--

				√	√		
				√	√		
				√	√		

				√	√		
				√	√		
				√	√		
				√			
				√			
				√			
				√			
				√	√		
				√			
				√			
				√			
				√			
5	10			√	√		

				√			
		5	Year	√	√		
				√			
				√			
				√			
				√			
				√	√		
				√	√		
				√			

**Food Beverage and Tobacco Products U**

**Seasonings and preservatives UNSI**

**Herbs and spices and extracts UNS**

**Commodity-Common salt for chemical industr**

**Selling Unit : Quantit**

Sr. No.	Parameters	Type	Value 1	Value 2	Value 3
<b>Physical Characterist</b>					
1	The material shall be in the form of large or small colourless crystals, or a white granular powder. The material shall be free from visible contamination with clay, grit and other extraneous adulterants and impurities.	Ch	Yes		
<b>Requirements</b>					
			<b>Grade 1</b>	<b>Grade 2</b>	
2	Grade	Ch	Grade 1 — suitable for the manufacture of hydrosulphite and optical brightners or where a pure grade of the material is required.	Grade 2 — suitable for chemical industries, explosive and pyrotechnic industry and for the manufacture of caustic soda by electrolytic process.	
3	Moisture Content (percent, Max.)	N	1.00	4.00	
4	Sodium chloride ( as NaCl ), percent by mass, Min	N	99.5	98.5	
5	Matter insoluble in water, percent by mass, Max	N	0.05	0.2	
6	Calcium salts (as Ca), percent by mass, Max	N	0.03	0.2	
7	Magnesium salts (as Mg), percent by mass, Max	N	0.01	0.10	

8	Sulphates (as SO <sub>4</sub> ), percent by mass, Max	N	0.20	0.60	
9	Iron compound (as Fe), parts per million, Max	N	10.00	20.00	
10	For use in the explosives and pyrotechnic industry, the material of Grade 2 shall have grit content, ppm	N	–	20	
11	Sulphate, percent, Max	N	–	0.50	
12	Iron, ppm	N	–	10.00	
13	Alkalinity, percent, Max (as Na <sub>2</sub> CO <sub>3</sub> )	N	–	0.50	
14	Vanadium + chromium + molybdenum (ppm)	N	–	0.01	
15	Aluminium ( as Al ) (ppm)	N	–	0.10	
16	Other trace metals like titanium, copper and nickel (ppm)	N	–	0.01	
<b>Packing</b>					
17	The packages shall be securely closed. Packing material of salt.	Ch	polyethylene lined jute bags or with a liner	polyethylene lined HDPE bag or with a liner or any other suitable packing as agreed to between the purchaser and the supplier	loose in truck loads, country craft or steamers
18	Packing size (kg)	N	0.5	1	5
<b>Marking</b>					



19	The packages shall be marked legibly and indelibly with the following information: a)Name and grade of material b)Mass of the material c)Lot or batch number in code or otherwise. d)Name of manufacturer and recognized trade-mark; if any.	Ch	Yes		
20	The packages may also be marked with the ISI Certification Mark.	Ch	Yes		
<b>Shelf Life</b>					
21	Shelf Life	N			
<b>Certification</b>					
22	Compliance to FSSAI Standards	Ch	Yes		
23	FSSAI License Number for Manufacturing	Ch	Text		
24	FSSAI License Number for Reselling	Ch	Text		
25	Conformity to BIS specifications 797 (Latest)	Ch	Yes		
26	BIS License number, if ISI Marked	Ch	Text		
27	Whether ISI marked	Ch	Yes	No	
<b>Test Report Detail:</b>					
28	Availability of Test Report from Central Govt/NABL/ILAC accredited lab to prove conformity to specification	Ch	Yes	No	
29	Test Report to be submitted to the Buyer on Demand write NA if Test report is not available	Ch	Yes	NA	

\* 20,50

UNSPSC Code 50000000

PSC Code 50170000

PSC Code 50171500

ries; UNSPSC code: 50171551

y-Kg

Value 4	Validation / Remarks	Unit	M	F	G	Demand Aggregati on
------------	-------------------------	------	---	---	---	---------------------------

ics

			v			
--	--	--	---	--	--	--

			v	v		
			v	v		
			v	v		
			v	v		
			v	v		



			v			
			v			
	5	year	v	v		
			v			
			v			
			v			
			v			
			v			
			v	v		
s						
			v	v		
			v			

<b>Food Beverage and Tobacco Prod</b>				
<b>Seasonings and preservatives</b>				
<b>Herbs and spices and extracts</b>				
<b>Commodity- Edible Common sa</b>				
<b>Selling Unit : Q</b>				
Sr. No.	Parameters	Type	Value 1	Value 2
<b>Requirer</b>				
			<b>Common salt</b>	<b>Table salt</b>
1	Description	Ch	The material shall be crystalline solid, white or pale pink or light grey in colour.	The material shall be white, crystalline solid coated suitably with free-flowing agents, such as light magnesium carbonate, calcium carbonate, tricalcium phosphate and calcium silicate and aluminium silicate so as to retard moisture absorption, caking and to impart free-flowing property to the salt.
2	Particle Size	N	-	99 percent by mass of the material shall pass through 1-00-mm IS Sieve and not more than 10 percent by mass of the material shall pass through 212-micron IS Sieve.
3	Moisture content, percent,max.	N	6.00	0.50

4			In order to reduce the tendency to cake, vacuum evaporated salt may contain not more than 15 ppm of potassium ferrocyanide or sodium ferrocyanide expressed as $K_4Fe(CN)_6$ . Common salt produced by solar evaporation may not contain anticaking agent.	
	Water insoluble matter, percent by mass, Max.		1.00	2.20
	Chloride content ( as NaCl), percent by mass, Min.		96.00	97.00
8	Acid insoluble matter, percent by mass, Max	N	–	1.50
9	Matter soluble in water, other than sodium chloride, percent by mass, Max	N	3.00	–
10	Calcium ( as Ca ), water soluble, percent by mass, Max	N	–	0.10
11	Magnesium ( as Mg ), water soluble, percent by mass, max	N	–	0.50
12	Sulphates( $SO_4$ ), percent by mass, max	N	–	0.50
13	Alkalinity ( as $Na_2CO_3$ ), per- cent by mass, Max	N	–	0.20
14	Lead ( as Pb ), parts per million, Max	N	–	2.00
15	Iron ( as Fe ), parts per million, Max	N	–	50.00
16	Arsenic ( as As ), parts per million, Max	N	–	1.00
17	Copper ( as Cu ), parts per million, Max.	N	–	–

17	The packages shall be securely closed. Packing material of salt.	Ch	Edible common salt shall be supplied in bulk or packages as agreed to between the purchaser and the supplier.	For the free-flowing table salt the size and material of construction of the- containers shall be subject to agreement between the purchaser and the supplier.
18	Packing size (kg)	N	0.50	1.00
<b>Marki</b>				
19	The package shall be securely closed and marked with the manufacturer's name; mass of the material in the package; type of the material; recognized trademark, if any; batch number; and the date of packing.	Ch	Yes	
20	The packages may also be marked with the ISI Certification Mark.	Ch	Yes	
<b>Shelf I</b>				
21	Shelf Life	N		
<b>Certific</b>				
22	Compliance to FSSAI Standards	Ch	Yes	
23	FSSAI License Number for Manufacturing	Ch	Text	
24	FSSAI License Number for Reselling	Ch	Text	
25	Conformity to BIS specifications 253 (Latest)	Ch	Yes	
26	BIS License number, if ISI Marked	Ch	Text	
27	Whether ISI marked	Ch	Yes	No
<b>Test Report</b>				
28	Availability of Test Report from Central Govt/NABL/ILAC accredited lab to prove conformity to specification	Ch	Yes	No
29	Test Report to be submitted to the Buyer on Demand write NA if Test report is not available	Ch	Yes	NA

\* 20,50



**UNSPSC Code 50000000**  
**UNSPSC Code 50170000**  
**UNSPSC Code 50171500**  
**Item; UNSPSC code: 50171551**

Quantity-Kg

Value 3	Value 4	Validation n/ Remarks	Unit	M	F	G	Demand Aggregation
------------	------------	-----------------------------	------	---	---	---	-----------------------

Requirements

Dairy salt							
The material shall be crystalline white solid and free from any visible impurities.				√	√		
99 percent by mass of the material shall pass completely through 850-micron IS Sieve				√	√		
0.50				√	√		

				√	√		
0.03				√	√		
99.60				√	√		
–				√	√		
–				√	√		
0.01				√	√		
				√	√		
0.30				√	√		
0.10				√	√		
2.00				√	√		
10.00				√	√		
1.00				√	√		
2.00							

Common salt for butter and cheese industry (Dairy salt ) shall be packed in a moisture proof packing, such as polyethylene or similar suitable material, as agreed to between the purchaser and the supplier.				√	√		
---	--	--	--	---	---	--	--

5.00	10			√	√		
------	----	--	--	---	---	--	--

**ng**

				√			
				√			

				√			
--	--	--	--	---	--	--	--

**life**

		5	years	√	√		
--	--	---	-------	---	---	--	--

**ation**

				√			
				√			
				√			
				√			
				√			
				√	√		

**t Details**

				√	√		
				√			

**Food Beverage and Tobacco Pro**

**Iron fortfrfied Iodized sal**

**Selling Unit : C**

Sr. No.	Parameters	Type	Value 1	Value 2
<b>Require</b>				
1	Iron fortfrfied iodized salt (Double fortified salt) shall be crushed crystalline solid; white or pale pink or light grey in colour, free from contamination with clay and other extraneous adulterants and impurities.	Ch	Yes	
2	Salt used for manufacture of double fortified salt shall have minimum 98 percent of sodtum chloride content on dry weight basis and moisture not more than 1.5 percent when tested in accordance with method prescribe in A-5 of IS:253 and Annex A of IS: 7224 respectively.	Ch	Yes	
3	Ninety five percent of the material shall pass through 4 mm IS Sieve	Ch	Yes	
4	Moisture percent by mass, Max	N	1.50	
5	Water Insoluble matter, percent by mass on dry basis, Max	N	1.00	
6	Chloride content (as NaCl). percent by mass, on dry basis, min	N	97.00	
7	Matter insoluble in dilute HCl, percent by mass on dry basis,Max.	N	0.30	
8	Matter soluble in water other than sodium chloride,percent by mass, on dry basis, Max	N	2.50	
9	Iron content (as Fe) mg/kg	N	850-1100	

10	Iodine content, mg/kg Min. Manufacturer's level	N	30.00	
11	Iodine content, mg/kg Min, Distribution channel Including retail level	N	15.00	
12	pH	N	3.5-5.5	
13	Sulphate (as SO <sub>4</sub> ), percent by mass,Max	N	1.10	
14	Magnesium (as Mg), water soluble, percent by mass. Max	N	0.10	
15	Phosphorous (as P <sub>2</sub> O <sub>5</sub> ) mg/kg	N	2800-3100	
16	Sodium hexa meta phosphate, percent by mass on dry basis, Max	N	1.00	
<b>Packi</b>				
17	Packing material	Ch	HDPE bags	any other suitable packages as agreed to between purchaser and the supplier.
18	Packing size for bulk packing (in kg)	N	40	50
19	Packing size for small packing( in gm)	N	50	100
20	For consumer packing, the material shall be packed in food grade plastics. The thickness of plastic film used for packing shall not be less than 50μ	Ch	Yes	
<b>Mark</b>				

21	The packages shall be securely closed and legibly and clearly marked with the following particulars: a)Name "IRON FORTIFIED IODIZED SALT (DOUBLE FORTIFIED SALT)"; b)Name and address of the manufacturer; c)Batch or Code number; d)Iron content ; e)Iodine content when packed; f)Date of Manufacturing (Month and year); g)Best before date; h)Net quantity; i)Instructions for storage 'Store in a cool and dry place' j) Any other details required under the legal metrology packed (commodities) rules, 2011 and food and safety standards(packaging and labelling) regulations 2011.	Ch	Yes	
<b>Shelf</b>				
21	Shelf Life	N	1	2
<b>Certific</b>				
22	Compliance to FSSAI Standards	Ch	Yes	
23	FSSAI License Number for Manufacturing	Ch	Text	
24	FSSAI License Number for Reselling	Ch	Text	
25	Conformity to BIS specifications 16232(Latest)	Ch	Yes	
26	BIS License number, if ISI Marked	Ch	Text	
27	Whether ISI marked	Ch	Yes	No
<b>Test Report</b>				
28	Availability of Test Report from Central Govt/NABL/ILAC accredited lab to prove conformity to specification	Ch	Yes	No
29	Test Report to be submitted to the Buyer on Demand write NA if Test report is not available	Ch	Yes	NA
	*2000,5000			

ducts UNSPSC Code 50000000

t (Double fortified salt)

Quantity-Kg

Value 3	Value 4	Validation / Remarks	Unit	M	F	G	Demand Aggregation
				√			
				√			
				√			
				√			
				√			
				√			
				√			
				√	√		

				√			
				√			
				√	√		
				√			
				√	√		
				√			

**ng**

NA				√	√		
75	100	NA		√	√		
200	1000*			√			
				√			

**ing**



				√			

**Life**

3	4	5	Years	√	√		
---	---	---	-------	---	---	--	--

**ation**

				√			
				√			
				√			
				√			
				√			
				√	√		

**t Details**

				√	√		
				√			