

Healthcare Services UNSPSC CODE : 8500000												
Diagnoses of injury, poisoning and certain other consequences of external causes UNSPSC CODE : 85430000												
Diagnoses of toxic effect of other and unspecified substances UNSPSC CODE : 85435300												
Commodity : NITRIC ACID UNSPSC CODE : 85435307												
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 Nitric Acid		AR Grade	Technical Grade	Nitration Grade	Chemical Grade						
REQUIREMENTS FOR NITRIC ACID												
1	Total acidity (as HNO ₃), percent by mass,Max	N	69.5									1
2	Residue on ignition, percent by mass, Max	N	0.001						√			2
3	Chlorides (as Cl), percent by mass, Max	N	0.00005 (0.5 ppm)						√			3
4	Sulphates (as H ₂ SO ₄), percent by mass, Max	N	0.0002 (2 ppm)						√			4
5	Heavy metals (as Pb), percent by mass, Max	N	0.00002 (0.2 ppm)						√			5
6	Nitrous acid (as HNO ₂),percent by mass, Max	N	NA						√			6
7	Arsenic (as As), percent by mass, Max	N	0.000001 (0.01 ppm)						√			7
8	Iodine	N	NA						√			8
9	Iron (as Fe), percent by mass, Max	N	0.00002 (0.2 ppm)						√			9
10	Manganese (as Mn), percent by mass, Max	N	0.00004 (0.4 ppm)						√			10
11	Phosphate (as PO ₄), percent by mass, Max	N	0.0001(1 ppm)						√			11
12	Silicate (as SiO ₂), percent by mass, Max	N	0.00005 (0.5 ppm)						√			12
13	Ammonium salts (as NH ₃),percent by mass,Max	N	NA						√			13
Physical Characteristics												
14	Material	CH	Clear and almost colorless, free from sediment and other visible impurities.						√			14
15	Form	CH	Liquid						√			15
16	Colour	CH	Almost Colourless						√			16
Packing , Marking and Labelling												

17	<p>(1) Packed in containers as agreed to between the purchaser and the supplier and subject to the relevant provisions of Red Tariff No. 18 of 1960 issued by the Indian Railway Conference Association, with any alterations and additions made thereafter.</p> <p>(2) Nitric acid of analysis reagent grades shall be supplied in glass bottles or glass carboys fitted with tight fitting TEFLON WASHERS (of thickness 0.2 mm) and stoppered with HDPE or other suitable stopper. The use of HDPE or other suitable caps over the stopper is recommended.</p> <p>(3) The bottles or jars shall be packed in suitable pent top packing cases. The bottles may also be placed in expanded polystyrene or expanded polyethylene containers and finally in corrugated fibreboard boxes. They shall be placed in an upright position on one layer of sand or ashes free from cinders and the empty surrounding space shall also be filled with the same material to prevent movement. Carboys shall be packed in suitable iron hampers or wooden crates, the interspace being sufficiently stuffed with whiting kieselghur or other non-combustible absorbent material.</p>	CH	YES						v			17
18	<p>The containers and also the packages, where possible, shall be suitably marked in red letters, not less than 25 mm high, showing:</p> <p>a) Name of material;</p> <p>b) Manufacturer's name and recognized trademark, if any;</p> <p>c) Grade and mass of the material; and</p> <p>d) Year of manufacture</p>	CH	YES						v			18
19	<p>They shall prominently display the cautionary notice: 'CORROSIVE, HANDLE WITH CARE'</p>	CH	YES						v			19
20	<p>The containers may also be marked with the IS1 Certification Mark.</p>	CH	YES						v			20
Certification												
21	<p>Conforming to IS:264(Latest)</p>	CH	YES						v			21

22	Whether ISI Marked	CH	YES	NO					√	√		22
23	CM/L Number(Must declare if ISI Marked)	CH	YES						√			23
Test Report Details												
24	Availability of Test Report from Central Govt/ State Govt/NABL/ILAC accredited lab(hint: Must be declared)	CH	Yes	No					√	√		24
25	Test Report Number(Must be declared, write NA if Test Report is not available)	CH							√			25
26	Test Report date(Must be declared, write NA if Test Report is not available)	CH							√			26
27	Name of the Lab(Must be declared, write NA if Test Report is not available)	CH							√			27
28	Address of the Lab(Must be declared, write NA if Test Report is not available)	CH							√			28
29	Test Report to be furnished to the Buyer on demand(Must be declared, write NA if Test Report is not available)	CH							√			29