

Drugs and Pharmaceutical Products UNSPSC CODE : 51000000
Drugs affecting the gastrointestinal system UNSPSC CODE : 51170000
Combination cariostatics, dental or mouthwashes or oral agents UNSPSC CODE : 51172800
Commodity : ORTHO-PHOSPHORIC ACID UNSPSC CODE : 51172836

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 Ortho-Phosphoric Acid			AR		TECHNICAL							
			Subgrade 1		Subgrade 2							
REQUIREMENTS FOR ORTHO-PHOSPHORIC ACID												
1	Relative density at 27°/27°C Min	N	1.71	1.68	1.55							1
2	Orthophosphoric acid (H ₃ PO ₄),percent by mass,Min	N	85	83	72				√	√		2
3	Iron (as Fe), percent by mass,Max	N	0.003	0.4	0.4				√	√		3
4	Chlorides (as Cl),percent by mass, Max	N	0.0005	0.2	0.2				√	√		4
5	Sulphates (as SO ₄), percent by mass, Max	N	0.003	1.25	1.25				√	√		5
6	Arsenic (as As ₂ O ₃),parts per million, Max	N	1	15	15				√	√		6
7	Antimony (as Sb ₂ O ₃), parts per million, Max	N	NA	15	15				√	√		7
8	Nitrates (as NO ₃),percent by mass, Max	N	0.0005	NA	NA				√	√		8
9	Heavy metals (as Pb),percent by mass, Max	N	0.001	NA	NA				√	√		9
10	Silica (as SiO ₂),percent by mass, Max	N	0.05	NA	NA				√	√		10
11	Calcium (as Ca) and magnesium (as Mg),percent by mass, Max	N	0.006	NA	NA				√	√		11
12	Oxygen absorbed (as O),percent by mass, Max	N	0.001	NA	NA				√	√		12
13	Volatile acids	N	To pass test	NA	NA				√	√		13
14	Manganese (as Mn),parts par million	N	0.4	NA	NA				√	√		14
Physical Characteristics												
15	Material	CH	Clear syrupy liquid.						√			15
16	Form	CH	Liquid						√			16
17	Colour	CH	Colourless						√			17
Packing , Marking and Labelling												
18	(1) Packed in containers as agreed to between the purchaser and the supplier. (2)The material is supplied in screw stoppered stone bottles or glass carbuoys, the container shall be fitted with leak-tight stopper and,where necessary, provided with asbestos or rubber washers. The stoppers shall further be sealed by a puty made of china-clay, or a mixture of sodium silicate and asbestos flour. (3)The bottles and jars shall be packed in suitable pent top packing cases. These shall be placed in an upright position on a layer of sand,or coal ash, or dry earth, and the empty surrounding space in the packing case shall also be filled with the same material to-prevent movement.	CH	YES						√			18
19	The containers shall be suitably marked with the name and grade of the material; manufacturer's name and recognized trade- mark, if any; date of manufacture and net mass. They shall also display prominently the words, in red letters not less than 2 cm high, 'CORROSIVE', HANDLE WITH CARE'	CH	YES						√			19
Certification												
20	Ortho-phosphoric acid IS:798(Latest)	CH	YES						√			20
21	Whether ISI Marked	CH	YES	NO					√	√		21
22	CM/L Number(Must declare if ISI Marked)	CH	YES						√			22

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