

**Drugs and Pharmaceutical Products UNSPSC:5100000**

**Antiseptics UNSPSC:51470000**

**Antiseptic acetates unspsc : UNSPSC:51471600**

**Commodity : ACETIC ACID UNSPSC:51471602**

**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 Acetic Acid		Technical	Pure	AR							
<b>REQUIREMENTS FOR ACETIC ACID</b>												
1	Solubility in water	CH		Shall be completely miscible	No turbidity within one hour				√	√		1
2	Relative density at 27/27°C, Max	N	1.0528	1.0496	1.0483				√	√		2
3	Acetic acid content (CH <sub>3</sub> COOH), percent by mass, Min	N	98	99.5	99.7				√	√		3
4	Crystallizing point, °C, Min	N		15.6	16				√	√		4
5	Residue on evaporation, percent by mass, Max	N	0.02	0.01	0.001				√	√		5
6	Chlorides (as CL),ppm,Max	N	35	15	1				√	√		6
7	Iron( as Fe ), ppm, Max	N		2	1				√	√		7
8	Sulphates (as SO <sub>4</sub> ),ppm.Max	N	35	15	1				√	√		8
9	Heavy metals (including iron ) calculated as Pb), ppm, Max	N	20	5	2				√	√		9
10	Formic acid ( HCOOH ), percent by mass, Max	N	0.35	0.15	0.025				√	√		10
11	Acetaldehyde ( CH <sub>3</sub> CHO ), percent by mass, Max	N	0.15	0.05	0.003				√	√		11

12	Oxidizable impurities	Ch		To Pass the test	To Pass the test					v	v		12
13	water content, percent by mass, Max	N			0.2					v			13
<b>Physical Characteristics</b>													
14	Form	CH	Liquid							v			14
15	Colour	CH	Colourless	Pale yellow/straw colour	Less than 20 Hazen units					v	v		15
<b>Packing , Marking and Labelling</b>													
16	The material shall be packed in suitable containers as agreed to between the purchaser and the supplier, and shall be subject to the provisions of law in force in the country for the time being. <b>NOTE - Acetic acid expands on freezing and due precautions shall be taken in its packing and storing.</b>	CH	YES							v			16
17	Each container shall be securely closed and marked with the following: a) Manufacturer's name; b) Grade of the material; c) Tare, gross and net mass; d) Year of manufacture; and e) Recognized trade-mark, if any.	CH	YES							v			17
18	The containers may also be marked with the ISI Certification Mark.	CH	YES							v			18
19	Each container shall bear the caution label worded as under: <b>(CORROSIVE ! VAPOUR AND LIQUID DANGEROUS TO EYES ! )</b>	CH	YES							v			19
<b>Certification</b>													
20	Acetic Acid to IS:695(Latest)	CH	Yes							v			20
21	Whether ISI Marked	CH	Yes	No						v	v		21
22	CM/L Number(Must declare if ISI Marked)	CH								v			22
<b>Test Report Details</b>													
23	Availability of Test Report from Central Govt/ State Govt/NABL/ILAC accredited lab(hint: Must be declared)	CH	Yes	No						v	v		23
24	Test Report Number( Must be declared, write NA if Test Report is not available)	CH								v			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							√			