

**Food Beverage and Tobacco Products; UNSPSC Code: 50000000**

**Seasonings and preservatives; UNSPSC Code: 50170000**

**Vinegars and cooking wines; UNSPSC Code: 50171700**

**Commodity-Vinegar; UNSPSC Code: 50171707**

**Selling Unit : mass- litre**

Sr. No.	Parameters	Type	Value 1	Value 2	Value 3	Value 4	Validation / Remarks	Unit	M	F	G	Demand Aggregation
<b>Physical Requirements</b>												
1	Types	Ch	<b>Brewed Vinegar:</b> A product derived from alcoholic and acetous fermentation of any suitable medium, such as fruits, malt, molasses and sugarcane juice.	<b>Synthetic Vinegar:</b> A substitute for vinegar, prepared by dilution of acetic acid, which is not the product of alcoholic and acetous fermentation.					√	√		
2	Vinegar shall be a clear liquid, free from cloudiness or suspended particles. It shall possess the characteristic taste and odour of the raw material from which it is produced.	Ch	Yes						√			
3	It shall be free from sulphuric acid or any other mineral acid and added colouring matter except caramel.	Ch	Yes						√			
<b>Chemical Requirements</b>												

4	Total acid content (as acetic acid) g/100 ml, Min	N	3.75	6					√	√		
5	Residual alcohol content, percent, (v/v), Max	N	0.50	1					√	√		
6	Total solid, percent, (m/v), min	N	–	1.5					√	√		
7	Total ash, percent, (m/m), min	N	–	0.18					√	√		
8	Soluble solids, percent, (m/v), (g/100 ml),Max	N	0.20	0.13					√	√		
9	Arsenic, mg/kg, max	N	1.00	–					√	√		
10	Lead, mg/kg, Max	N	Nil	–					√	√		
11	Copper, mg/kg, Max	N	Nil	–					√	√		
12	Zinc, mg/kg, Max	N	10.0	–					√	√		
13	Iron, mg/kg, Max		10.0	–					√	√		
14	In brewed vinegar, when malt is used as a medium it shall have atleast 0.05 percent of phosphorus pentoxide and 0.04 percent of nitrogen when tested by the method prescribed in Annex D and IS 7219 respectively.	Ch	Yes						√			
<b>General Requirements</b>												

16	The manufacturers shall produce to BIS environmental consent clearance from the concerned State Pollution Control Board as per the norms laid down under the Water (Prevention and Control of Pollution) Act, 1974; Air (Prevention and Control of Pollution) Act, 1981 and Water (Prevention and Control of Pollution) Cess Act, 1977 respectively, along with the authorization, if required under the Environment (Protection) Act, 1986, while applying for ECO Mark.	Ch	yes							v			
17	The product packaging may display in brief the criteria based on which the product has been labelled as environment friendly.	Ch	Yes							v			
18	The material used for product packing shall be recyclable or biodegradable.	Ch	Yes							v			
19	The date of manufacture and date of expiry shall be declared on the product package by the manufacturer.	Ch	Yes							v			

20	The product package or leaflet accompanying it may display instructions of proper use and storage so as to maximize the product performance, safety and minimize wastage.	Ch	Yes							v			
<b>Method of Sampling</b>													
21	When tested by the methods of sampling and test prescribed in 18 of IS 2860, the product: a) shall be free from micro-organisms capable of development under normal conditions of storage; b) shall not contain vinegar eels or substantial quantities of other suspended matters and sediments; and shall be free from turbidity caused by micro-organisms (mother of vinegar); and c) shall not contain any substance originating from micro-organisms in amounts which any represent a hazard to health.	Ch	Yes								v		
<b>Packing</b>													
22	Vinegar shall be packed in a suitable container which does not affect the quality of the product.	Ch	Yes								v		
23	Packing size (in kg)	Ch	Text							v	v		

Marking												
24	The following information shall be marked clearly and indelibly on the package:  a)The name and address of manufacturer; b)Net contents in volume (ml/litres); c)Date of manufacture; d)Batch or code number indicating date of manufacture; e)The kind of medium for preparing brewed vinegar; f)The term 'Synthetic vinegar' for vinegars prepared by dilution of acetic acid and the statement 'prepared from acetic acid'; The words 'Best before ..... <p>(Month and year to be indicated); and g)Any other information as specified under the Prevention of Food Adulteration Rules, 1955 and Standards of Weights and Measures (Packaged Commodities) Rules, 1977.</p>	Ch	Yes							√		
29	The product may also be marked with the Standard Mark.	Ch	Yes	No						√	√	
Shelf Life												
31	Shelf Life	Text								√		
Certification												

32	Compliance to FSSAI Standards	Ch	Yes						√			
33	FSSAI License Number for Manufacturing	Ch	Text						√			
34	FSSAI License Number for Reselling	Ch	Text						√			
35	Conformity to BIS specifications IS: 14703 (Latest)	Ch	Yes						√			
36	BIS License number, if ISI Marked	Ch	Text	NA					√	√		
37	Whether ISI marked	Ch	Yes	No					√	√		
<b>Test Report Details</b>												
38	Availability of Test Report from Central Govt/NABL/ILAC accredited lab to prove conformity to specification	Ch	Yes	No					√	√		
39	Test Report to be submitted to the Buyer on Demand write NA if Test report is not available	Ch	Yes	NA					√	√		