

**SPECIFICATION SHEET****Gherkins in Vinegar****Doc Ref No. GGAE/SP/001**Last modified on:  
12 Dec 2024

Revision # R 1.0

Revised by: NJ

Description	Gherkins including cucumbers (Cucumis Sativus L) of suitable variety temporarily preserved in Vinegar Media for further processing
Country of Origin	India
Ingredient Declaration	Gherkins, Water, Vinegar, Salt, Calcium Chloride & Potassium Metabisulfite (E224)
Allergen Declaration	<ul style="list-style-type: none"><li>Allergen free as per EU regulations except Potassium Metabisulphite (E 224)</li><li>Allowable limit for Potassium Metabisulphite is 125 to 175 ppm</li></ul>

**ORGANOLEPTIC PARAMETERS**

PARAMETER	ACCEPTANCE	METHOD
Colour	Characteristic - Light green to darker	Visual
Flavour and Odour	Characteristic, No off flavor odour	Organoleptic
Texture	Firm and crispy	Organoleptic

**CHEMICAL PARAMETERS**

PARAMETER	ACCEPTANCE
Acidity as Acetic acid (%)	3.00 to 3.50
Salt as NaCl (%)	3.80 to 4.30
Calcium as Ca ion (ppm)	800 to 1200
Potassium Meta-bisulphite as SO <sub>2</sub> (ppm)	125 to 175
pH	< 3.30

**MICRO-BIOLOGICAL PARAMETERS**

PARAMETER	ACCEPTANCE
E. coli	Absent
Coliforms	Absent
Yeast and Mold	<100 CFU/g





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**PROCESSING PARAMETERS**

Vinegar Source	<ul style="list-style-type: none"><li>• Spirit vinegar to be manufactured from sugar cane or sugar beet</li><li>• Vinegar used should have characteristic organoleptic properties of vinegar</li></ul>
Storage Conditions	Must be between 15-32-degree C
Traceability	Can trace back all raw materials from fields to client destination. Each container (barrel) must be identified with a label indicating Drum Number, lot number and production date.

**REGULATORY REQUIREMENTS**

Pesticide residues	As per EU regulations. .
Heavy metals <ul style="list-style-type: none"><li>- Cadmium (Cd)</li><li>- Lead (Pb)</li><li>- Mercury (Hg)</li><li>- Arsenic (As)</li></ul>	Shall comply with EU legislation
Ionization	Absence
GMO	No GMO as per EU norms
Additives	Absence
Allergen	<ul style="list-style-type: none"><li>• Allergen free as per EU regulations except Potassium Metabisulphite (E 224)</li></ul>





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**PACKAGING PARAMETERS**

Primary packaging	<ul style="list-style-type: none"><li>• HM HDPE (High Molecular High-Density Poly Ethylene) jet black colored barrel</li><li>• 240 lts/260 capacity</li></ul>
Secondary packaging	For 260 ltr Drum -non palletised For 240 ltr Drum- palletised
Container	20Ft
No of drums per container	80 drums

