

Product Specification - Barrels

PRODUCT NAME : GHERKINS IN ACETIC ACID

Spec's no: MAHA/DRUM/ACETIC ACID - 003

Date of Issue:01.01.2010 , (Rev.1 , 01/06/2012)

Parameter / General Information		Specification
Name of product		Gherkins in Acetic acid
Botanical Name		Var. cucumis sativus L
Parameters	Unit	Details/Particulars
1.0 Vegetable Parameters		
1.1 Gherkins type & variety	_	Fresh Harvested and packed & Ajax / sparta / calypso - seeds
		Non GM seeds - Genetically modified seeds are not used / NON GMO
1.2 Gherkins shape	_	Wholes (Also Available Round Slices, Vertical Stackers & Spears , Relish cut pcs)
1.3 Gherkins Grade/size	-	Gherkins are graded generally by Counts / Kilo or Length or Diameter
1.4 Gherkins general Grades Info	No of Fruit/kg	5/10,10/20,20/30,30/60,40/60,60/80, 80/120,120/160, 60/160, 80/160, 160/300, 300+
	Length	9/12 cm, 6/9 cm, 3/6 cm, 1/3 cm
2.0 Barrel Parameters		
Barrel size	Liters	240 litre (pallet) & 260 litre (un pallet)
Barrel Type & Colour	_	Clean, Round & Black
Barrel material	_	HM HDPE food grade
Accessories	_	main body,inner lid, gasket, inner mesh and outer lid.
3.0 Ingredients		Gherkins, Water,Salt,Acetic Acid, Calcium chloride,Pottasium meta bisulphite
4.0 Finished Product Parameters		
4.1 Physical Parameters		
Net Drained weight per barrel	KG	Upto 180 kilos (240 litre drum), & Upto 190 kilos (260 litre drum)
4.2 chemical Parameters		
Acidity	%	3.0 to 3.5
Salt	%	3.8 to 4.2
Ca++ (ppm)	ppm	1200 +/- 200 ppm
So2	ppm	100 to 150
PH	_	Below 3.50
4.3 Sensory Paramters		
Colour		Characteristic / Green
Texture		Firm and Crispy
Taste		Characteristic
Odour		Characteristic
4.4 Vegetables grading , culling and defects parameters		
Critical Defects	%	Shall be NIL (Foreign Material , Pesticide Residue)
Major Defects	%	5 % max (Fungus,Rotten, Viral, Borer, Soft & Muddy etc)
Minor Defects	%	10 % max (Flower, stem, crooks/nubs ,broken, twins, discoloured, bloaters)
Below Low limit grade (BLL %)	%	10 max
Above Upper Limit Grade (AUL%)	%	10 max
5.0 Packing and loading parameters		
Pallet		4 drums in a pallet, 20 pallets for 80 drums to be loaded with seperation boards/dunnages in between bottem and top layer
Non pallet		40 drums loaded in lower layer and 40 drums loaded in top layer and seperation boards/dunnages inbetween Drum braced at the end of the container
Label		All Barrels properly labelled
Shelf Life		12 to 18 months From Date of Production