NARSU İÇECEK SAN. A.Ş.
(Muhtaroğlu Holding Company)

Ereğli Organize Sanayi Bölgesi
Kargacı Mah.5.Cad.No.4/1
Ereğli/Konya
TEL : +90 332 712 65 65 - 67 - 69
E-POSTA : info@muhtarogluholding.com

PRODUCT SPECIFICATION
BANANA PUREE

GENERAL DESCRIPTION:

Aseptic Banana puree is made from Musa x paradisiacal L.. The product is produced according to the current EU regulations. Preservatives or other foreign additives which are not permitted aren't used. The product meets international physical, chemical and microbiological standards of AIJN and the additional specifications that exist below.

The product is prepared in accordance with the "General Principles of Food Hygiene" recommended by the Codex Alimentarus Commission.

Pesticides residues / Heavy Metals / Mycotoxins / Contaminants: In conformance with current EU directives and AIJN Code of Practice.

The product does not contain allergens subject to labelling according to Regulation (EU) No 1169/2011 of the Euro pean Parliament and of the Council.

Ingredients: Banana

PHYSICAL / CHEMICAL& SENSORY SPECIFICATIONS:

Sensorical: This product has the characteristic appearance, aroma and clean taste of Banana juice. The product doesn't have signs of over-heating, fermented or any other off-tastes and off-flavours. It is free of any foreign matters. The product does not contain core, seed and shell fragments. The product is produced with sieve diameter 0,5 mm and product does not have any black point.

Colour: Typical of Banana Musa x paradisiacal L.., without browning or darkening.

Parameter	**Specification**		**Method**
	Min.	**Max.**	
Brix (Refractometric, 20°C)	20	22	IFU Nr1
Total Acidity, as citric acid, w/w,%	0,4	0,7	IFU Nr.3
pH	4,0	4.5	
Color L	35		Hunter lab color meter at 21 Brix
Ascorbic Acid (mg/kg)		800	
Bostwick (cm/sec.)	3	15	21 Brix at 20 °C
DL-Lactic Acid (g/l)	-	0.5	IFU Nr.53
Arsenic (mg/kg)	-	0.05	IFU REC 06
Lead (mg/kg)	-	0.03	IFU REC 06
Mercury (mg/kg)	-	0.01	IFU REC 06
Cadmium (mg/kg)	-	0.05	IFU REC 06
Chlorate&Perchlorate (ppm)		<0,05	
Delta ^{13}C Sugar ‰ PDB	-26	-23	With EA-IRMs

Prepared By : Food Safety Team Leader	**Issued by: General Manager**

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MICROBIOLOGICAL SPECIFICATIONS

Parameter	**Specification**		**Method**
	Min.	**Max.**	
Mesophilic Aerobic Bacteria (cfu/g)	-	<10	
Yeast &Mold (cfu/g)	-	<10	
Heat Resistant Mold Spores:	-	ND in 25ml.	IFU Microbiological Method 4
Coliform:	-	Absent/1g	
E.coli :		Absent/1g	
Thermophilic Acidophilic Bacteria:	-	Absent/1g	
Pathogenic microorganisms:	-	Absent/1g	
Salmonella :		Absent/10g	
Staphylococcusaureus :		Absent/1g	
Listeriamonocytogenes :		Absent/10g	

SHELF LIFE:
The shelf life is 24 months, at the 0-+4 °C..

STORAGE & SHIPPING CONDITIONS:

The product is stored at 0-+4 °C during all stages of storage and shipping.
Each container includes not more than 2 batches unless previously agreed upon.

PACKAGING:

The product is aseptically packed in new metal drums. The metal drums is open-head drums with lids, and all of the uniform height and weight (± 1.0 kg) in the same shipment. The drums is in good condition and without rust or peeling inside or outside.
Aseptic package is used as the inner packaging for contact with the product.
The packaging materials comply with the requirements of the relevant version of the concerned EU regulation and its implementation measures.

WEIGHT:

The weight is consistent at 230 kg for all the packages in the same shipment, deviation is ± 0.5% of the declared weight.

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LABELLING:

Each package is clearly labelled in Turkish or English with the following information;
-Seller Name
-Product Name
-Net Weight
-Batch No/Party No
-Brix
-Country of Origin
-Storage Temperature
-Production Date
-Expiry Date
-Packaging No
-Seller Adress and Contac No

The labelling comply with the requirements of the relevant version of the concerned EU regulation and its implementation measures.
For HALAL and KOSHER, the drums have logo and/or stamps.

ADDITIONAL INFORMATION:

- GMO free: The product does not contain ingredients that contain GMO or is produced from GMO.
- Pesticide Residue: Theproduct is meets legal limits.
- Heavy Metals: Theproduct is meets legal limits.
- Suitable for vegetarians
- No sugar added.
- This concentrated juice is foodgrade.
- FSSC 22000
- Halal Certified
- Kosher Certified – Can also be produced Kosher Passover
- It's prepared for information purposes.

APPLICATIONS

Fruit preparations, dairy products, ice-creams, sweets, pastries, coatings, jellies, soups, sauces,meat products.

REFERENCE

AIJN standarts (fumaric acid, patulin, sodium, heavymetals)
FDA (Juice Hazard and Control Guidance – Microbiology)
Turkish Food Codex (Regulation on Microbiological Criteria)
Commision Regulation (EC) No 2073/2005 (microbiological criteria for foodstuffs