

TECHNICAL DATA SHEET



CERES
FRUIT PROCESSORS

BLUEBERRY JUICE FROZEN 64/66°BRIX

ORIGIN: South Africa

DESCRIPTION

Blueberry Juice Frozen 64/66°Brix is a dark red to purple coloured smooth liquid produced from mature blueberries without clarification. The product is safe to use as an ingredient in beverages and other foodstuffs. The product is supplied frozen in drums.

PROCESS

Blueberries are washed, sorted, milled and pressed to extract the juice. The juice is concentrated and pasteurized. Ascorbic acid is added as an antioxidant. The concentrate is manufactured under sanitary conditions appropriate for food products, in compliance with applicable laws and regulations including Good Manufacturing Practises (GMP).



ORGANOLEPTIC

A dark red to purple product with a smooth consistency. It has the typical appearance, aroma and taste of blueberries with no off-taste or off-odour.

PACKAGING

Packed in open top drums with lids.
Safe guarded to prevent tampering. Primary packaging comply with relevant EU regulations.

SHELF LIFE

Shelf life is 36 months at frozen storage ($\leq -18^{\circ}\text{C}$) and 6 months at refrigerated ($<10^{\circ}\text{C}$) storage.

CHEMICAL/ PHYSICAL

°Brix	64-66
Acidity as Malic acid (%)	2.0–5.0
pH	2.8–3.7
Colour (Abs, 440nm, 10°Brix)	3.5–4.2
Clarity (%T, 660nm, 10°Brix)	≥ 30
Colour (Hunter L value)	L:4-6
Solids (%)	≤ 3.0

MICROBIOLOGICAL

Total plate count (cfu/ml)	≤ 300
Yeast (cfu/ml)	≤ 100
Moulds (cfu/ml)	≤ 10
E.coli and Coliforms (cfu/ml)	No Growth
Alicyclobacillus Bacteria (cfu/10g)	No Growth

NUTRITIONAL / 100g

Energy (kJ)	896	Carbohydrate (g)	51
Protein (g)	2.0	Of which sugar (g)	50.7
Total Fat (g)	<0.2	Saturated Fat (g)	0
Dietary Fibre (g)	<0.2	Sodium (mg)	9

OTHER PRODUCTS



REGULATORY STATEMENTS & CERTIFICATIONS

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INGREDIENTS:	Product is processed from blueberries with no added sugars, colorants, syrups, artificial sweeteners, artificial flavours or preservatives. Ascorbic acid is added as an antioxidant.
HEAVY METALS:	Meet applicable regulations for maximum limits as per RSA and EU regulations.
PESTICIDE RESIDUES:	Meet applicable regulations for MRLs as per RSA and EU regulations.
GMO:	Product is free from genetically modified organisms and is compliant with applicable regulation and legislation, concerning the traceability and labelling of genetically modified organisms.
ALLERGENS:	Product is free from allergens as listed below: Peanuts and products thereof; Mustard and products thereof, Cereals containing gluten and products thereof, Sesame seeds and products thereof, Lupin and products thereof, Molluscs and products thereof, Milk and products thereof (including lactose), Tree nuts and products thereof, Crustaceans and products thereof, Fish and products thereof, Celery and products thereof, Soybeans and products thereof, Eggs and products of products thereof, Sulphur dioxide and sulphites.
VEGETARIAN:	Product is suitable for strict vegetarians.
IRRADIATION:	Product is not irradiated and does not contain any radioactive substances.
IONIZATION:	Product is not made from, nor does it contain, any ionized ingredients.
AUTHENTICITY:	Programme in place to ensure that product has not been subject to food fraud and product is subject to authenticity testing via a voluntary control programme i.e. SGF. Product comply with the AIJN Code of Practise.
LABELLING:	Product label contains the following information: Product Name, Batch number, Production date, Shelf life, Drum number, Net weight, Storage conditions, Status of Allergens and Additives, Manufacturer name and address
LOT CODE:	Each batch code is a unique number which is used for identification of a production lot. This is a consecutive running number which provides full traceability. This unique number is indicated on each Certificate of Analysis.
RELIGIOUS STATUS:	Kosher (Parev) and Halaal certified.
QUALITY GUARANTEE:	Frozen juice concentrates supplied by Ceres Fruit Processors (Pty) Ltd are of FOOD GRADE QUALITY. Production process is controlled by a certified FSSC22000 Food Safety Management System. Product is fit for human consumption, but need to be diluted before use.

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