

TECHNICAL DATA SHEET

Product: Beet Concentrate 30 brix

Revision: 08/03/2026

Version: 2.0

Color intensity (betanin)	1.8% (1.6% to 2.0%)	(E1%, 1 cm) 583 nm
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Composition: Concentrated beet juice (*Beta vulgaris* L.) and citric acid.

Odor: Characteristic.

Flavor: Characteristic.

Refractometer: 27 to 32° Brix (20°C).

Density: 1.05 to 1.07 g/cm³ (20°C).

pH: 3.5 to 4.5

Color: Dark red.

Solubility: Soluble in water.

Appearance: Dark red liquid.

PARAMETER	LIMIT
Arsenic	1mg/kg max
Cadmium	1mg/kg max
Lead	2mg/kg max
Mercury	1mg/kg max
Salmonella spp.	Absent in 25g
Total plate count	<1000 CFU/g
Total Yeast & Mold	<100 CFU/g
Thermotolerant coliforms	<10 CFU/g
E. coli	<10 CFU/g
Enterobacteria	<10 CFU

OTHER INFORMATION:

Pasteurized product.

Radiation: Product does not contain or use irradiated ingredients/utensils

GMO: Product does not contain or use ingredients produced from genetically modified organisms.

Allergens: Does not contain or is processed with any allergenic substances as described in Annex III of Resolução Anvisa nº 727, from 01/07/2022.

Pesticides: Does not contain pesticide residues. MAPA/ANVISA.

Storage: Keep refrigerated or frozen until use, protected from light and excess moisture.

Shelf life: Under refrigeration (0°C to 7°C), 30 days from the expiration date. Under freezing (-10°C to -20°C), 365 days from the expiration date.

Preparation guidelines before use: Due to the Brix concentration, the product may settle unevenly during thawing. It is therefore recommended to fully thaw the container (jerrycan or drum) and homogenize it before use.

Natural dyes are sensitive to adverse conditions of temperature, light incidence, oxidation and pH. Previous tests are necessary for suitability in the formulations. We are not responsible for any damages due to incorrect application.

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