

Product Specifications

Elderberry Clear Juice Concentrate 1.8% (*Sambucus nigra*) 65° Brix

Product Code: B0120227

Product Description: Pure elderberry (*Sambucus nigra*) juice concentrate, standardized to an anthocyanin content of NLT 1.8%.

Product Properties

Color	Intensive red
Appearance	Viscous uniform liquid, clear
Taste	Characteristic of elderberry; astringent
Odor	Characteristic of elderberry
Plant part used	Berries (fruit)
Density (20° C)	1.316-1.333 g/ml
Concentration Factor	6.5

Analytical Values

Spec.

Anthocyanins (<i>Expr. as cyanidin-3-glucoside; pH-Diff.</i>)	1.80 – 2.30	g/100 g
Polyphenols (<i>Expr. as catechin; Folin-Ciocalteu</i>)	2.90 – 6.10	g/100 g
Soluble solids (<i>Refractometer; 20° C</i>)	64.0 – 66.0	°Brix
Total acidity (<i>Expr. as citric acid; anhydr.; pH 8.1</i>)	5.00 – 8.20	g/100 g
pH	3.40 – 4.20	

Heavy Metals and Pesticides

Spec.

Lead (<i>ICP-MS</i>)*	< 0.050	ppm
Arsenic (<i>ICP-MS</i>) *	< 0.020	ppm
Cadmium (<i>ICP-MS</i>) *	< 0.030	ppm
Mercury (<i>ICP-MS</i>) *	< 0.010	ppm
Pesticides	The processed fruit conforms to the pesticide standards defined in the FDA and EPA regulations.	

*Single strength juice; 10°Brix

Microbiological Values

Spec.

Yeast (<i>Sabouraud Agar, 28°C, 5 d</i>)	0	CFU/g
Molds (<i>Sabouraud Agar, 28°C, 5 d</i>)	0	CFU/g
Total plate count (<i>ISO 4833</i>)	< 100	CFU/g
<i>E. coli</i> (<i>COLI ID Agar, 37°C, 24 h</i>)	0	CFU/g
<i>Salmonella</i> (<i>ISO 6579</i>)	Absent	/25 g

Country of Origin: Italy (manufacturing), Austria/Hungary (raw material)

Packaging: Aseptically packed in 25 kg pails

Best Used By and Storage Conditions:

15 months after production date if unopened and kept under proper storage conditions at < 4° C

24 months after production date if unopened and kept under proper storage conditions at -18° C

If package is opened, use immediately or store at -18 to -25° C.

A short storage of the unopened aseptic package at ambient temperatures for transport is permissible

Quality Assurance

The information contained herein is, to the best of our knowledge, correct. The data outlined and the statements made are intended only as a source of information. No warranties, expressed or implied, are made. On the basis of this information, it is suggested that you evaluate the product on a laboratory scale prior to use in a finished product.

Customer Approval

I acknowledge and agree to the above specifications. Any parameters outside of these would not fall within the scope of the product specifications. Please return this specification sheet signed for approval otherwise we consider it accepted.

Name (print):

Signature:

Title:

Date:
