

GENIPA BLUE, LQ



Shades of Genipa Blue LQ

GENIPA (C11H14O5) No CAS 6902-77- 8 EINECS No 310-127- 6 MW, 236.23 CODEX SIN 183

Properties	Specifications
Description New powdered ingredient carrying the blue obtained from the fruit of the Huito tree (<i>Genipa americana L.</i>) originating from the presence of the natural chemical molecule called Genipin, accompanied by iridoid compounds.	
Physical & Chemical	
Appearance	Liquid
Color	Dark blue
Odor	Faint characteristic of the fruit
Color Value E (1%, 600 nm), 25°C	10 - 12
pH, 1%, 25 °C	5.0 – 5.5
Density, 25° C, gr/mL	1.10 – 1.15
Brix Degrees, 25°C	45 - 48
Color Value L * a * b, 25°C	L = 38 - 40 a = 0.3 – 0.5 b = -8 a -10
Solubility	Soluble in water, alcohol, hydroalcoholic mixture and propylene glycol. Insoluble in fats and oils.
Chemical stability	Chemical stability: Stable in the pH range of 2–8. Very good heat resistance.
Ingredients	Genipa Blue Extract
Heavy metals	
Arsenic, as As	Maximum 1 ppm
Mercury, as Hg	Maximum 1 ppm
Cadmium , as Cd	Maximum 1 ppm
Lead, as Pb	Maximum 1 ppm
Microbiological test	
Mesophilic aerobic microorganisms	Maximum 100 Ufc/g
Molds and yeasts	Máximum 100 Ufc/g
Escherichia coli	Negative en 1 g
Salmonella sp	Negative / 10 g
Staphylococcus aureus	Negative en 10 g
Pesticide residue	Free
Suggested uses	Yogurt, Gelatin, Ice Cream, Soda, Candy, Chewing Gum, Jams, Pastries, Desserts, Alcoholic and Non-Alcoholic Beverages, Baked Goods, Liquors, Cosmetics
Storage, packaging and shelf life	Store in cool, dry places. Keep away from sunlight and heat. Food-grade, high-density plastic container. Estimated shelf life: 1 year in original packaging

DESARROLLADO POR:	REVISADO POR:	APROBADO POR:
EQUIPO I&D+In - CALIDAD	GERENCIA DE INVESTIGACION, DESARROLLO Y CALIDAD.	GERENCIA GENERAL

 MOLIANDINO PERU SRL — PROMOTER OF HIGH QUALITY — NATURAL CUPA MARIQUILA	DATA SHEET	IP-FT-I&D-AG-02
		VERSION: 01
		DATA: 20-05-26
		PAGE 1 OF 1

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