

CERTIFICATE OF ANALYSIS

Product Name	BITTER GOURD OIL
Botanical Name	Momordica charantia
Product Code	PCO4107
INCI Name	Momordica Charantia (Bitter Gourd) Seed Oil

Batch #	41071811
Manufacturing Date	JANUARY 2021
Best Before Date	DECEMBER 2022

Part Used	Seeds
Extraction Method	Cold Pressed
Quality	100% Pure and Natural

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Appearance	Pale yellow to golden brown colored liquid	CONFORMS
Odour	Characteristic mild odour	CONFORMS
Refractive Index	1.450 - 1.490 @ 20°C	1.470
Specific Gravity (g/mL)	0.900 - 0.930 @ 20°C	0.925
Saponification Value (mgKOH/g)	160 - 190	171
Peroxide Value (meq O₂/kg)	Less than 5.0	CONFORMS
Iodine Value (g I₂/100g)	90 - 120	CONFORMS
Acid Value (mgKOH/g)	Less than 1.0	CONFORMS
Solubility	Soluble in cosmetic esters and fixed oils; Insoluble in water	CONFORMS

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