



CERTIFICATE OF ANALYSIS

Product Name	BOTTLE GOURD SEED OIL
Botanical Name	Lagenaria siceraria
Product Code	PCO4108
INCI Name	Lagenaria Siceraria Seed Oil

Batch #	41081811
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	1.420 - 1.430 @ 20°C	1.423
Specific Gravity (g/mL)	0.920 - 0.950 @ 20°C	0.935
Saponification Value (mgKOH/g)	220 - 245	232
Peroxide Value (meq O₂/kg)	Less than 5.0	CONFORMS
Iodine Value (g I₂/100g)	119 - 128	123
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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