

TECHNICAL DATA SHEET (TDS)

Product Name	LAUREL BERRY OIL
Botanical Name	Laurus nobilis
Product Code	PCO4132
CAS #	8007-48-5
INCI Name	Laurus Nobilis Fruit Oil

Part Used	Fruits
Quality	100% Pure and Natural

<u>PROPERTIES</u>	<u>SPECIFICATIONS</u>
Appearance	Pale green to olive green colored thick liquid
Odour	Characteristic laurel aroma
Refractive Index	1.460 - 1.480 @ 20°C
Specific Gravity (g/mL)	0.905 - 0.929 @ 20°C
Saponification Value (mgKOH/g)	198 - 206
Peroxide Value (meq O₂/kg)	Less than 5.0
Iodine Value (g I₂/100g)	60 - 85
Moisture (%)	Maximum 0.1
Essential Oil Content (%)	1.0 – 3.0
Solubility	Soluble in cosmetic esters and fixed oils; Insoluble in water

FATTY ACID COMPOSITION:

<u>FATTY ACID</u>	<u>C-CHAIN</u>	<u>SPECIFICATIONS (%)</u>
Lauric Acid	C12:0	17.00 – 27.00
Myristic Acid	C14:0	0.50 – 1.70
Palmitic Acid	C16:0	12.00 – 20.00
Stearic Acid	C18:0	1.00 – 3.00
Oleic Acid	C18:1 (n-9)	30.00 – 41.00
Linoleic Acid	C18:2 (n-6)	17.20 – 27.10
Alpha-Linolenic Acid	C18:3 (n-3)	Maximum 2.00

STABILITY AND STORAGE:

Keep in tightly closed container in a cool and dry place, protected from sunlight. When stored for more than 24 months, quality should be checked before use.

As it is electronically generated document, hence no signature required.

DISCLAIMER: Please refer to all relevant technical information specific to the product, prior to use. The information contained in this document is obtained from current and reliable sources. Paras Perfumers provides the information contained herein, but makes no representation as to its comprehensiveness or accuracy. Individuals receiving this information must exercise their independent judgement in determining its appropriateness for a particular purpose.