

PRODUCT SPECIFICATION

INCI/Botanical Name	<i>OPUNTIA FICUS-INDICA</i>	Date of Expiry	02 Years
Product Name	Cactus Oil	Extraction Type	--
Report No	C/AOC/003/23	Extraction Ratio	--
Parts of Plant	Leaf	Origin	India
Cas No	90082-21-6	HSN Code	32019090

TEST	SPECIFICATION	METHOD
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A. Physical Parameters:

Appearance	Clear Oil	Visual
Color	Pale yellow to greenish color liquid	Visual
Odor	Mild characteristic odorless	Visual
Solubility	Very slightly soluble in alcohol and completely miscible with light petroleum	Visual
Refractive Index (At 25⁰C)	Between 1.4505 to 1.475	By Refractometer
Specific Gravity (At 25⁰C)	Between 0.905 to 0.930	By Pycnometer
Acid Value	NMT 2.0	IP-2014
Iodine Value	Between 68 to 130	IP-2014
Peroxide Value	NMT 10.0	IP-2014
Saponifiable Matter	Between 176.0 to 202.0	In House
Unsaponifiable Number	NMT 2.0	In House

B. Fatty Acid Profile

Palmitic Acid	Between 5 to 20%	In House
Palmitoleic Acid	Between 0 to 10%	In House
Stearic Acid	NMT 5.0%	In House
Oleic Acid	Between 30 to 75%	In House
Linoleic Acid	Between 10 to 40%	In House
Linolenic Acid	Between 2 to 15%	In House

C. Other:

Standard Packing: 1 Ltr. - 25 Ltrs. in single Aluminum / HDPE container.
The above material complies with in-house specifications.
Store in a cool and dry place away from sunlight and heat. The preferred storage is below 30 ° C.
The Product Is of Herbal Origin. There May Be Minor Color Difference Due to Geographical and Seasonal Variation of the Plant Material.

Note: This Is Computer Generated Specification & Does Not Require A Physical Signature.

