GST No.: 09AMLPK4254H1ZT
IEC .: 0606003053

Ayuroma Centre

Manufacturer Of Essential Oils

Ayuroma Centre

Technical Data Sheet

Safflower Oil

A.	General Information	
I	**Product Name**	Safflower oil
II	**Batch/ Lot No.**	2442080104
III	**CAS Number**	8001-23-8
IV	**Botanical Name**	*Carthamus tinctorius L.*
V	**Family**	Asteraceae
VI	**Country of Origin**	India
VII	**Plant Part used**	Seed
VIII	**Extraction Method**	Cold pressed
IX	**Shelf Life**	3 years

B. Description & Uses

Safflower oil contains healthful fats called unsaturated fatty acids. When consumed in moderation, it may offer health benefits, such as blood sugar control, better heart health, and lower levels of inflammation. People can use it topically to treat dry skin, and it is safe to use when cooking at high temperatures.

C. Physical Analysis Report

	Parameter	Result
I	**Appearance**	Pale yellow to dark yellow oily liquid
II	**Odour**	Mild aroma and smell.
III	**Solubility**	N/A
IV	**Flash point**	> 93.3 °C
V	**Boling point**	N/A

	Parameter	Minimum	Maximum	Result
VI	**Density (20°C)**	0.8950	0.9259	0.9235
VII	**Refractive Index (20°C)**	1.4510	1.4800	1.4757

D. Gas Chromatography Analysis Report

	Constituents	Minimum (%)	Maximum (%)	Result (%)
I	**C16:0 (Palmitic acid)**	4	10	6
II	**C18:0 (Stearic acid)**	1.9	5	2.7
III	**C18:1 (Oleic acid)**	8.4	21.3	10
IV	**C18:2 (Linoleic acid)**	67.8	83.2	78.9

E. Declaration

This information is based upon the present state of our knowledge. The analysis and statements herein constitute the most complete information available to Ayuroma Centre.

Kalpna

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