



HETAKSH ESSENTIAL OILS

An ISO 9001:2015 and GMP Certified company




CERTIFICATE OF ANALYSIS

Product	:	Virgin Linseed Oil	
Lot No	:	HEE-15012328	
Mfg Date	:	15.01.23	
Best Before	:	14.01.25	
Testing Protocol	:	BP	
<u>Organoleptic Properties:-</u>			
Appearance	:	Oily liquid	
Colour	:	Clear, Yellow to Darker Yellow, turns dark with exposure to air. When cooled, it becomes a soft mass at about - 20 °C.	
Odour	:	Typical odour of Linseed	
Botanical Source	:	Linum Usitatissimum	
<u>Physico-Chemical Properties:-</u>			
		Standard	Results
Refractive Index	:	About 1.480	1.481
Density	:	About 0.931	0.929
Identification (B, C)	:	As per BP	Complies
(A, B)	:	As per BP	Complies
Acid Value	:	Max 4.5	2.1
Iodine Value	:	160 - 200	172
Peroxide Value	:	Max 15.0	3.3
Cadmium	:	Maximum 0.5ppm	Complies
Water	:	Max 0.1%	0.01%
Saponification value	:	188 to 195	192
Unsaponifiable Matter	:	Max 1.5%	0.8%
Solubility	:	Very slightly soluble in Alcohol and miscible With light petroleum.	Complies
Fatty Acids	:	Fatty Acid <C16 Max 1%	0.2%
		Palmitic Acid 3.0 to 8.0%	4.8%
		Palmitoleic Acid 1% Max.	0.1%
		Stearic Acid 2.0 to 8.0 %	5.6%
		Oleic Acid 11.0 to 35.0%	20.4%
		Linoleic Acid 11.0 to 24.0 %	13.2%
		Linolenic Acid 35 to 65%	49.8%
		Arachidic Max 1%	0.4%
Storage	:	In well fitted container, in cool and dark place.	

CONTACT :

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