



HETAKSH ESSENTIAL OILS

An ISO 9001:2015 and GMP Certified company

CERTIFICATE OF ANALYSIS

Product	:	Sunflower Oil
Testing Protocol	:	USP
Lot No	:	HEE-22012318
Mfg Date	:	22.01.23
Best Before	:	21.01.25
Botanical Source	:	Helianthus Annum
Appearance	:	A clear, light yellow liquid, practically insoluble in water and in alcohol, miscible with light petroleum.

TEST	STANDARD	RESULT
Specific Gravity	0.914 to 0.924	0.922
Free Fatty Acid	NMT 2.5ml of 0.020 N Sodium Hydroxide is required For neutralization	Complies
Iodine Value	128 to 148	134
Saponification Value	180 to 200	191
Unsaponifiable Matter	Not more than 1%	0.6%
Refractive Index	1.472 to 1.474	1.473
Heavy Metals	NMT 0.001%	Complies
Peroxide Value	NMT 10 mEq per kg	0.9
Fatty Acid Composition	3 to 10% Methyl Palmitate	6.1%
	2 to 8% Methyl Stearate	4.9%
	14 to 24% Methyl Oleate	23.2%
	63 to 73% Methyl Linoleate	64.8%
	0 to 3 Methyl Linelenate	0.3%
Storage	In well fitted container in cool and dark place.	

CONTACT :

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