



HETAKSH ESSENTIAL OILS

An ISO 9001:2015 and GMP Certified company

CERTIFICATE OF ANALYSIS

Product : **Black Cumin Oil**
Lot No : HEE-18012352
Mfg Date : 18.01.23
Best before : 17.01.25
Botanical Source : Nigella Sativa
Extraction Process : CO2 Extracted

TEST	STANDARD	RESULT
Appearance	Fluid liquid.	Complies
Colour	Brownish yellow to deep brown.	Complies
Odour & Taste	Characteristic taste and odour.	Complies
Solubility	Insoluble in Alcohol & water.	Complies
Specific Gravity	0.917 to 0.924	0.920
Refractive Index	1.464 to 1.479	1.472
Saponification Value	180 to 200	192
Moisture	Less than 1%	Complies
Thymoquinone Content	Min 10%	10.1%
<u>Heavy Metals</u>		
Total heavy metals	Less than 10ppm	Complies
Lead	Less than 1ppm	Complies
Mercury	Less than 1ppm	Complies
Arsenic	Less than 1ppm	Complies
Cadmium	Less than 0.3 ppm	Complies
<u>Microbiology</u>		
Total Bacterial Count	Less than 100 cfu/g	Complies
Yeast & Molds	Less than 10 cfu/g	Complies
Salmonella	Absent	Complies
E-Coli	Absent	Complies
Pseudomonas Aeruginosa	Absent	Complies
Storage	In well fitted container in cool and dark place	

CONTACT :

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