



# HETAKSH ESSENTIAL OILS

An ISO 9001:2015 and GMP Certified company

## CERTIFICATE OF ANALYSIS




**Product** : **Black Cumin Oil**  
**Lot No** : HEE-21012350  
**Mfg Date** : 21.01.23  
**Best before** : 20.01.25  
**Botanical Source** : Nigella Sativa  
**Extraction Process** : CO2 Extracted


TEST	STANDARD	RESULT
<b>Appearance</b>	Fluid liquid.	Complies
<b>Colour</b>	Brownish yellow to deep brown.	Complies
<b>Odour &amp; Taste</b>	Characteristic taste and odour.	Complies
<b>Solubility</b>	Insoluble in Alcohol & water.	Complies
<b>Specific Gravity</b>	0.917 to 0.924	0.920
<b>Refractive Index</b>	1.464 to 1.479	1.474
<b>Saponification Value</b>	180 to 200	192
<b>Moisture</b>	Less than 1%	Complies
<b>Thymoquinone Content</b>	Min 5%	5.2%
<b><u>Heavy Metals</u></b>		
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
<b><u>Microbiology</u></b>		
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
<b>Storage</b>	In well fitted container in cool and dark place	

### CONTACT :

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