



# HETAKSH ESSENTIAL OILS

An ISO 9001:2015 and GMP Certified company

## CERTIFICATE OF ANALYSIS


<b>Product</b>	:	<b>Black Cumin Oil</b>
<b>Lot No</b>	:	HEE-10122252
<b>Mfg Date</b>	:	10.12.22
<b>Best before</b>	:	09.12.24
<b>Botanical Source</b>	:	Nigella Sativa
<b>Extraction Process</b>	:	CO2 Extracted

<b>TEST</b>	<b>STANDARD</b>	<b>RESULT</b>
<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>	: 0.915 to 0.923	0.922
<b>Refractive Index</b>	: 1.466 to 1.480	1.474
<b>Saponification Value</b>	: 180 to 200	190
<b>Moisture</b>	: Less than 1%	Complies
<b>Thymoquinone Content</b>	: Min 3%	3.1%
<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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