

Certificate of Analysis

Product Name: Black Seed Oil			
Latin Name	<i>Nigella sativa L.</i>	Plant Part	Seed
Origin	China	Production process	Cold-Pressed
Batch No.	20250210	Content Specification	≥99%
Manufacture Date	20250210	Expiry Date	20270209

Items	Specification	Result
Appearance	Amber or brown liquid	Conforms
Odor&Taste	Characteristic	Conforms
Relative density	0.910-0.925	0.919
Refractive index	1.472 - 1.495	1.475
Thymoquinone(000490-91-5)	≥1%	1.3%
Acid Value (mg KOH/g)	≤2.0	1.3
Peroxide Value (meq/kg)	≤5.0	1.0
Saponification Value(mg KOH/g)	180.0-195.0	190.0
* Heavy Metals		
Lead (Pb)	≤2.0 ppm	Conforms
Arsenic (As)	≤2.0 ppm	Conforms
Cadmium (Cd)	≤2.0 ppm	Conforms
Mercury (Hg)	≤0.1 ppm	Conforms
* Microorganism		
Total Plate Count	≤1000 cfu/g	Conforms
Yeast &Mold	≤100 cfu/g	Conforms
E.Coli.	Negative	Conforms
Salmonella	Negative	Conforms
Packaging	Packaged in drums with net weights of 20kg, 30kg, and 50kg.	
Storage	Store in sealed containers at cool & dry place. Protect from light, moisture, and pest infestation	
Shelf life	If unopened, 3 to 6 months from the date of production.	

Remark:The items with * are tested periodically