

CERTIFICATE OF ANALYSIS

Product Name	Black Seed Extract Powder	Latin Name	Nigella Sativa L.
Part Used	Seed	Manufacture Date	2024.11.6
Quantity	500KG	Analysis Date	2024.11.12
Batch No.	BF-241106	Expiry Date	2026.11.5

Items	Specifications	Results
Thymoquinone (TQ)	$\geq 5.0\%$	5.30%
Appearance	Yellowish orange to dark Orange fine powder	Complies
Odor & Tasted	Characteristic	Complies
Sieve Analysis	95% pass 80 mesh	Complies
Loss on Drying	$\leq 2.0\%$	1.41%
Ash Content	$\leq 2.0\%$	0.52%
Solvents Residue	$\leq 0.05\%$	Complies
Heavy Metal		
Total Heavy Metal	≤ 10.0 ppm	Complies
Lead (Pb)	≤ 2.0 ppm	Complies
Arsenic (As)	≤ 1.0 ppm	Complies
Cadmium (Cd)	≤ 1.0 ppm	Complies
Mercury (Hg)	≤ 0.5 ppm	Complies
Microbiological Test		
Total Plate Count	< 1000 CFU/g	Complies
Yeast & Mold	< 300 CFU/g	Complies
E.Coli	Negative	Complies
Salmonella	Negative	Complies
Package	25kg/drum.	
Storage	Store in a cool and dry place, keep away from strong light and heat.	
Shelf Life	Two years when properly stored.	
Conclusion	Sample Qualified.	

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