

CERTIFICATE OF ANALYSIS



Product	Lot No	Packing
Organic Black Cumin Seed	OBCS4541	8 Kg Carton Boxes

<u>Parameters</u>	<u>Specifications</u>	<u>Results</u>
Appearance / Colour	Black	<u>Conforms</u>
Smell / Odour	Characteristic, no foreign / off smell or odour	<u>Conforms</u>
Taste / Flavour	Characteristic, no foreign / off taste or flavour	<u>Conforms</u>

Mineral Stones	Max 1 pieces / box	None detected
Natural Foreign Materials	Max 1,0% as weight	0,1%
Other Foreign Materials	X-ray Detection Limits: Glass ball: 2 mm \emptyset , Stainless Steel: 1,2 mm \emptyset , Ceramics: 2 mm \emptyset Metal Detector Detection Limits: Ferrous: 1,5 mm, Non Ferrous: 2,0 mm, Stainless Steel: 3,0 mm	None detected

Fermentation	None	None detected
Moisture	Max. 8%	6%
Sulphure	None	None detected
Pesticides	< RL (Reporting Limit) According to EC Regulation No 834/2007 and 889/2008 and according to USDA organic regulation 7 CFR Part 205	<u>Conforms</u>
Ochratoxin A	Max 3 ppb	< 3 ppb
Aflatoxin	B ₁ ; < 2 ppb Sum of B ₁ , B ₂ , G ₁ and G ₂ ; < 4 ppb	B ₁ : < 2 ppb B ₁ +B ₂ +G ₁ +G ₂ : < 4 ppb

Total Viable Count	<10 ⁵ cfu/g	900 cfu/g
<i>E.Coli</i>	Max 10 cfu/g	< 10 cfu/g
<i>Salmonella</i>	Negative (in 25 g)	Negative (in 25 g)
Yeast	Max 10 ³ cfu/g	< 10 cfu/g
Mould	Max 10 ³ cfu/g	300 cfu/g
Coliforms	Max 10 ² cfu/g	< 10 cfu/g
<i>Bacillus Cereus</i>	Max 10 ² cfu/g	< 10 cfu/g
<i>Enterobacteriaceae</i>	Max 10 cfu/g	< 10 cfu/g

Lead (Pb)	< 0,2 mg/kg	<u>Conforms</u>
Cadmium (Cd)	< 0,2 mg/kg	<u>Conforms</u>
Mercury (Hg)	< 0,2 mg/kg	<u>Conforms</u>
Arsenic (As)	< 0,2 mg/kg	<u>Conforms</u>