



Echter Schwarzkümmel P.E. 10:1 5% Thymoquinone

Black Cumin P.E. 10:1 5% Thymoquinone

PRODUCT INFORMATION

Latin name	Nigella sativa
Part Used	Samen
Origin	China
Extraction solvent	Ethanol & Wasser
Extract ratio	10:1
Carrier	None

ITEM	SPECIFICATION	METHOD
Assay	Thymoquino min. 5%	HPLC
Appearance*	Yellowish orange to dark orange	Visual
Odor & Taste	Characteristic	Organoleptic
Identification	positive	TLC
Sieve analysis	100% through 80 Mesh	80 Mesh Screen
Loss on Drying	0.30 - 0.70g/ml	USP <616>
Total Ash	5% Max	5g/105C /5hrs
Bulk Density	5% Max	2g / 525C / 5hrs
Aflatoxin B1	2µg/kg Max.	USP
Total Aflatoxins (B1,B2,G1,G2)	4µg/kg Max	USP

*the color may vary

STATEMENTS

Food quality and safety	According to Reg. (EC) 178/2002
Contaminants	According to Reg. (EC) 2023/915 for food supplements
Residual solvents	According to Dir. (EC) 2009/32 and amendments
Pesticides	According to Reg. (EC) 396/2005 and amendments
Microbiology	Bacterial Count: TAMC-Bacteria <10,000 cfu/g, TYMC <300 cfu/g, Salmonella negative, E. Coli negative, S. Aureus negative
GMO	GMO Free According to Reg. (EC) 1829/2003 and 1830/2003 and amendments
ETO	ETO free
Vegan	Conform
Irradiation	No ionization or other radiation is permitted According to Reg. (EC) 1999/2 and 1999/3 and amendments
BSE/TSE	Risk Free BSE/TSE
Allergen free	According to Reg. (EC) 1169/2011
Nanomaterials	Absent According to Reg. (EC) 1169/2011
Titanium dioxide	Absent According to Reg. (EC) 2022/63
Packaging	According to Reg. (EC) 1935/2004 and 10/2011 and amendments

STORAGE AND HANDLING

Storage	Store in a well-closed container away from moisture and direct sunlight
Shelf life	2 years if sealed and properly stored.
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