



**Technical Data Sheet**

**Grapefruit P.E. 4:1**

**PRODUCT INFORMATION**

Name	Powder extract from Grapefruit seeds		
Botanical Name	Citrus x paradisi	Extraction solvent	Ethanol & Water
Part Used	Seed	Grapefruit Seed Extract	Approx 80%
Origin	China	Carrier (Maltodextrin)	Approx 20%

ITEM	SPECIFICATION	METHOD
Assay (on dry basis)	4:1	TLC
Identification	Positive	TLC
Appearance*	Brown Yellow Fine Powder	Visual
Taste&Odor	Characteristic	Organoleptic
Sieve Analysis	100% through 80 Mesh	80 Mesh Screen
Bulk Density	0.30-0.70g/ml	
Loss on Drying	NMT 5%	Eu. Pharm. v.v. (2.8.17)
Ash	NMT 5%	<b>Eu. Pharm. c.v. (2.4.16)</b>
Aflatoxin B1	2µg/kg Max	Eu. Phann. c.v. (2.8.18)
Total Aflatoxins (B1,B2,G1,G2)	4µg/kg Max	Eu. Phann. c.v. (2.8.18)

\*The color may vary

**STATEMENTS**

Food Quality and Safety	According to Reg. (EC) 178/2002
Hygiene of foodstuffs	In compliance with Reg. (EC) 852/2004
Hazard	Not dangerous in accordance with EU regulation (EC) No 1272/2008
Contaminants	According to Reg. (EC) 2023/915 for food supplements
Preservative	Preservative Free
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
Sterilization Method	High Temperature and Pressure
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 status	No allergens requiring labeling according to Reg. (EC) 1169/2011
<b>Unintentional contact (traces) in the supply chain cannot be excluded.</b>	
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	3 years if sealed and properly stored
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**All above information according to the manufacturer / supplier**

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