



Technical Data Sheet

Bitterorange WS P.E. 36% Hesperidin, 15% Naringin
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PRODUCT INFORMATION

Botanical name	Citrus Aurantium L
Part Used	Dried unripe Fruit
Origin	China
Extraction solvent	Water
Citrus Aurantium Extract	Approx 94%
Carrier	None

ITEM	SPECIFICATION	METHOD
Hesperidin Assay	≥36.0%	HPLC
Naringin Assay	≥15.0%	HPLC
Appearance*	Light Tan to Brown Yellow Fine Powder	Visual
Odor & Taste	Characteristic	Visual&Taste
Identification	Positive	HPLC
Sieve analysis	100%Through 80 Mesh	USP<786>
Loss on Drying	≤6.0%	CP2015
Total Ash	≤4.0%	CP2015
Solubility	Water	

*The color may vary

STATEMENTS

Food Quality and Safety	Only for food supplements
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
Unintentional contact (traces) in the supply chain cannot be excluded.	
Nanomaterials	Absent According to Reg. (EC) 1169/2011
Titanium dioxide	Absent According to Reg. (EC) 2022/63
Cosmetic quality	Complies with all requirements for cosmetics in Germany and the EU
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

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