



GRAPE SEED EXTRACT (VITIS VINIFERA) (PROANTHOCYANIDINS)

PRODUCT SPECIFICATION

Product Name	INCI Name	EXPIRY DATE
GRAPE SEED EXTRACT (VITIS VINIFERA) (95%)	PROANTHOCYANIDINS	December 2027

Botanical Source	Vitis vinifera L.
Appearance	Red brown powder
Odor	Characteristic
Taste	Characteristic
Part Used	Seed
Extract Solvent	Ethanol & Water
Excipient	None
Particle Size	100% Through 80 mesh
Bulk Density	0.40 g/ml-0.55g/ml

MAKER COMPOUNDS

Proanthocyanidins	≥ 95%
OPCs	Report Only
Monomers	Report Only
GA	Report Only
C	Report Only
EC	Report Only
ECG	Report Only

CHEMICAL TEST

Loss on Drying	≤ 3.00%
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Disclaimer: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.



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Ash content	≤ 1.50%
HEAVY METALS	≤ 8.0 ppm
Lead	≤ 1.0 ppm
Arsenic	≤ 0.5 ppm
Cadmium	≤ 0.1 ppm
Mercury	≤ 0.1 ppm
Benzo(a)pyrene	≤ 10µg/kg
Sum of PAH4 (Pbenzo[a]pyrene, chrysene, benz[a]anthracene and benzo[b]fluoranthene)	≤ 50µg/kg
MICROBIOLOGICAL TESTS	
Total Plate Count	≤ 1000 cfu/g
Yeast and mould	≤ 100 cfu/g
E. Coli	Negative/g
Salmonella	Negative/25g
Staphylococcus	Negative/g
Aflatoxins (B1,B2,G1,G2)	≤ 0.2 PPB

Storage: Store in cool and dry place, keep away from strong light and heat.

Genetic Modification State: This product is GMO free products.

Free Radiation Effect: This product is not been irradiated.

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GENERAL PRODUCT INFORMATION

Tapped density	0.45 g/ml
Bulk density	about 0.42g/ml
Water solubility	Part soluble in water
Type of Manufacturing process (Synthesis, Fermentation, Extraction, etc.)	Grape Seed
Specific Origin of the product (Animal, Vegetal, etc.)	Vegetal
Is the product FREE of GLUTEN?	Yes
Approximate Extraction Range of the Product	75:1
Solvents used during the extraction process and their %	20% Ethanol & 80% Water
Is the product suitable for vegans?	Yes
Is the product suitable for vegetarians?	Yes
Is the product free of fructose?	Yes
Is this product suitable for food?	Yes
Is this product suitable for feed of animals?	No
Can the product be used in baby food (according to Regulation (EU) N° 609/2013, Commission Delegated Regulation (EU) 2016/127, Commission Delegated Regulation (EU) 2021/572 and amendments)?	No
Is this product considered Novel Food?	No
Melting point	197-198°C
Country of origin of the raw material/s of the product	White Grapes Seed from Italy and France
Storage conditions (in the warehouse)	Store in cool and dry place, keep away from strong light and heat.

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