

TECHNICAL DATA SHEET

Red Wine Extract

Polyphenols 30% UV

Chemical Properties

Plant source: *Vitis vinifera* L.

Used part: Fruit

Extract Solvent: Ethanol & Water

Description

Red wine extract is very beneficial in supporting cardiovascular health by strengthening blood vessels. It is extracted from *Vitis vinifera* L.

Solubility

Partially soluble in water.

Specification

Item	Specification	Test Method
Appearance	Red Brown Fine Powder	Organoleptic
Odor	Characteristic	Organoleptic
Identification	Identical to R.S. sample	HPTLC
Polyphenols	Min 30%	UV
Loss on Drying	Max 5.0%	Eur.Ph.7.0 [2.8.17]
Total ash	Max 10%	Eur.Ph. <2.4.16>
Sieve analysis	Min 98% through 80 mesh	USP <786>
Bulk density	40~60g/100mL	Eur.Ph. <2.9.34>
Tapped density	60~90g/100mL	Eur.Ph. <2.9.34>
Solvents Residue	Meet Eur.Ph.7.0 <5.4>	Eur.Ph. <2.4.24>
Lead	Max 3.0ppm	Eur.Ph. <2.2.58>ICP-MS
Arsenic	Max 2.0ppm	Eur.Ph. <2.2.58>ICP-MS
Cadmium	Max 1.0ppm	Eur.Ph. <2.2.58>ICP-MS
Mercury	Max 0.1ppm	Eur.Ph. <2.2.58>ICP-MS
Non-Irradiation	Max 700	EN13751:2002<PSL>
Total Aerobic Count	Max 10,000cfu/g	USP <2021>
Mold & Yeast	Max 1,000cfu/g	USP <2021>
<i>E. Coli</i>	Negative	USP <2022>
<i>Salmonella</i>	Negative	USP <2022>

Regulatory Information

	Yes	No
Contains GMO based ingredients		√
BSE/TSE-free	√	
Non-irradiation	√	
Suitable for vegetarian	√	
Suitable for vegan	√	

Country of Origin

China

Ingredients

Red Wine Extract 95%, Maltodextrin 5%.

Functions

- 1) It has strong antioxidant.
- 2) It is good for preventing heart disease, carcinogenesis, vascular oxidation.
- 3) It is good for losing weight.

Applications

- 1) Applied in food field, it is mainly used as food additives for nutrient.
- 2) Applied in cosmetics, it is mainly used to whitening, anti-wrinkle and UV protection.

Safety

This product is safe for the intended use. Avoid ingestion, inhalation of dust or direct contact by applying suitable protective measures and personal hygiene. See Material Safety Data Sheet for full safety information.

Handling recommendations

Wash thoroughly after handling. Use only in a well-ventilated area. Avoid contact with skin and eyes. Avoid ingestion and inhalation.

Packaging, Storage & Shelf Life

Package	25kg/drum, Packed in paper-drums and two plastic-bags inside; or according to customers' requirements.
Storage	Store in a cool dry place, avoiding sunlight directly.
Shelf Life	2 years if sealed and stored properly.