



## Specification sheet



**Product Name:** Grape Seed Extract

**Botanical source:** *Vitis Vinifera L.*

**Active ingredients:** Procyanidine

**Specification:** NLT 95%

**Part used:** Seeds

**Appearance:** Brown Red fine powder

**Test method:** UV, Bate-Smith



Grape seed extracts are industrial derivatives from whole grape seeds that have a great concentration of vitamin E, flavonoids, linoleic acid and oligomeric proanthocyanidins (OPC). OPCs have a very high oxygen radical absorbance capacity, and as a very powerful anti-oxidant they can slow down the aging process and protect against cancer and other damage caused by free radicals. Grape seed extract can also help prevent various cardiovascular diseases, high blood pressure and dental caries, aid in healing process, enhance bone density, minimize ultraviolet damage and enhance liver function. It also shows anti-viral and antibacterial properties..

### Health benefits:

1. Cardiovascular diseases
2. Prevents or reverses atherosclerosis.
3. Relieve the pain and swelling of venous insufficiency.
4. Retinopathy and vision improvement
5. Prevented and reversed aging and alzheimer disease
6. Skin care
7. Anti-cancer,anti-inflammation and anti-allergic activity



**Technical specification:**

<b>ITEMS</b>	<b>SPECIFICATION</b>
Product Name	Grape Seed Extract
Latin Name	<i>Vitis Vinifera L.</i>
Part used	Seeds
<b>ANALYSIS</b>	<b>SPECIFICATION</b>
Procyanidine	NLT 95%
Appearance	Brown Red fine powder
Odor	Light Smell, Astringent
Ash	NMT 5.0%
Loss on drying	NMT 5.0%
Bulk Density	NLT 0.30-0.50 g/ml
Particle size	NLT 95% through 80 mesh
Heavy Metals	NMT 10.0 ppm
Arsenic (As)	NMT 2.00ppm
Lead(Pb)	NMT 2.00ppm
Mercury(Hg)	NMT 1.00ppm
Cadmium (Cd)	NMT 1.00ppm
Solubility	Water soluble
<b>Microbiological</b>	
Total Plate Count	NMT 1,000cfu/g
Yeast & Molds	NMT 100 cfu/g
Salmonella	Negative
E. Coli	Negative

**Packaging Details:**

Package: 25kgs/fiber drum, inner with double-layer plastic bags.

Storage: Store in cool & dry place, do not freeze, and keep away from direct strong light.

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