

## PRODUCT SPECIFICATION

INCI/Botanical Name	<i>VITIS VINIFERA</i>	Product Name	Grape Extract
Parts of Plant	Seed	Report No	CA/BIH/23
Extraction Ratio	Liquid Extract	Origin	India
Extraction Base	Water/Solvent	Date of Expiry	02 Years
Cas No	84929-27-1	HSN Code	30012010

TEST	SPECIFICATION	METHOD
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### A. Physical Parameters:

Solvent Used	PROPYLENE GLYCOL	GLYCERIN	DISTILLED	
Appearance	Clear liquid	---	---	Visual
Color	Colorless to pale yellow to brown color	---	---	Visual
Odor/ Taste	Characteristic	---	---	Organoleptic
Loss on Drying ( At 105 <sup>0</sup> C )	NMT 30.0% w/w	---	---	USP 731
<b>Solubility</b>				
Water	Soluble	---	---	USP 516
Propylene glycol	Soluble	---	---	USP 516
Alcohol	Soluble	---	---	USP 516
pH	Between 3.0 to 6.0	---	---	USP 791
Specific Gravity	Between 0.900 to 2.00	---	---	Pycnometer

### B. Active Ingredients:

Polyphenol	Presence	---	---	USP
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### C. Heavy Metals:

Lead (PB)	NMT 1.0 ppm	---	---	USP 233
Mercury (HG)	NMT 1.0 ppm	---	---	USP 233
Arsenic (AS)	NMT 1.0 ppm	---	---	USP 233
Cadmium (CD)	NMT 1.0 ppm	---	---	USP 233

### D. Microbiological Test:

Total Aerobic Count	NMT 1000 cfu/gm	---	---	USP 2021
Total Yeast & Mold Count	NMT 100 cfu/gm	---	---	USP 2021
Escherichia coli	Absent	---	---	USP 2022
Salmonella	Absent	---	---	USP 2022
S. aureus	Absent	---	---	USP 2022
Staphylococcus	Absent	---	---	USP 2022

### E. Other:

Standard Packing: 25 Kg in single HDPE Container.

The above material complies with in-house specifications.

Store in a cool and dry place away from sunlight and heat. The preferred storage is below 30<sup>0</sup>C.

The Product Is of Herbal Origin. There May Be Minor Color Difference Due to Geographical and Seasonal Variation of the Plant Material.

**Note: This Is Computer Generated Specification & Does Not Require a Physical Signature.**

