

SPECIFICATION SHEET

Product Name	PlantaLume™ Glabridin
CAS No.	59870-68-7
Molecular Formula	C ₂₀ H ₂₀ O ₄
Molecular Weight	324.37
Product Specification	98.0%
Country of Origin	China

QUALITY SPECIFICATIONS

ITEMS	SPECIFICATIONS	METHODS
Appearance	White to off white powder	Visual
Identification	Consistent with the reference standard spectrum	IR
	In the chromatogram recorded under the content determination item, the retention time of the main peak of the test solution should be consistent with that of the reference solution	HPLC
Loss on drying	≤5.0%	USP <731>
Residue on Ignition	≤2.0%	USP <281>
Assay		
Glabridin	Nlt98.0 %	HPLC
Residues		
Solvent Residues	USP<467>	GC
Heavy metals		
Heavy Metals	≤20ppm	ICP-MS
Lead	≤2ppm	ICP-MS
Arsenic	≤1ppm	ICP-MS
Mercury	≤0.1ppm	ICP-MS
Cadmium	≤1ppm	ICP-MS
Microbiological		



Nature Connecting Health

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ITEMS	SPECIFICATIONS	METHODS
Total Plate Count	<1000cfu/g	USP <2021>
Yeast& Mold	<100cfu/g	USP <2021>
E.Coli	Negative	USP <2022>
Salmonella	Negative	USP <2022>
Staphylococcus	Negative	USP <2022>
Statement: Non-Irradiated, Non-BSE/TSE, Non-GMO, Non-Allergen		

STORAGE, STABILITY & PACKAGING

Storage	Store in a cool and dry place, avoid strong light and high temperature.
Stability	24 months when properly stored.
Packaging	25kg/Drum or as requested.