

Certificate of Analysis

Product Name: Madecassoside 90%
Botanical Source: Centella asiatica
Product Type: Cosmetic Active Ingredient
CAS No.: 34540-22-2
Molecular Formula: C₄₈H₇₈O₂₀
Molecular Weight: 975.1 g/mol
Specification: 90% Madecassoside
Lot Number: BPCM90102026
Expiry Date: October 2029

Test Item	Specification	Result
Appearance	White powder for high-content grade	Conforms
Identification	Conforms to reference standard	Conforms
Madecassoside Assay	≥ 90.0%	Conforms*
Melting Point	215–218 °C	Conforms
Bulk Density	0.45–0.65 g/cm ³	Conforms
pH (1% Solution)	4.5–6.0	Conforms
Loss on Drying	≤ 5.0%	Conforms
Total Heavy Metals	≤ 10 ppm	Conforms
Lead (Pb)	≤ 2 ppm	Conforms

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