

Batch no HR241023A
Mf date Oct 23 2024
Retest Apr 22 2027

Molecular Formula $C_{88}H_{92}O_{34}$
Molecular Weight 1693.65
CAS Registry Number 9000-55-9
Part Used Root and stem
Botanical Source Podophyllum emodi (Wall)
Extract Solvent Alcohol & water

Jan 07 2025

Tests	Specifications	Results
Appearance	Light brown amorphous powder, caustic	Conforms
Odor & taste	Characteristic	Conforms
Soluble test	Matter insoluble in ethanol 96% ≤ 2.5 mg Matter insoluble in 5m ammonia: 0.18 ~ 0.30 mg Solubility (1% solution) $\geq 95\%$	2.3 mg 0.221 mg Water insoluble
Identification	TLC	Positive
pH	7 ~ 9	7.32
Loss on drying	$\leq 5.0\%$	4.26%
Ash content	$\leq 1\%$	0.80%
Heavy metals	≤ 10 ppm	Conforms
As	≤ 2 ppm	Conforms
Residual solvents	Ethanol $\leq 0.05\%$	Negative
Microbiology	Total plate count ≤ 1000 cfu/gr Yeast & mold ≤ 100 cfu/gr E. coli Negative Salmonella Negative	Conforms Conforms Negative Negative
Tapped density	50 ~ 70 gr/100 mL	68 gr/100 mL
Bulk density	40 ~ 60 gr/100 mL	48 gr/100 mL
Sieve Analysis	100% pass 80 mesh	Conforms
Assay (Podophyllum resin)	$\geq 50\%$	50.66%

Packaging & storage	In cool & dry place. Keep away from strong light and heat
Conclusion	Material complies with in-house standard.