



HANGZHOU DINGYAN CHEM CO.,LTD

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CERTIFICATE OF ANALYSIS

NO: **DYC191905301**

Product name	Madecassoside
CAS Number	34540-22-2
Molecule Formula	C48H78O20
Batch number	20190322
Manuf.& Exp. Date	2019.03.20; 2021.03.19
Testing date	2019.03.22

Items	Standard	Result
Appearance	Off white powder	Conforms
Odor	Characteristic	Conforms
Taste	Characteristic	Conforms
Particle size	All pass 80mesh	Conforms
Loss on drying	≤5%	2.24%
Ash	≤5%	2.31%
Sulphated ash	<1.0%	0.54%
Heavy metals	≤10ppm	Conforms
Arsenic	≤1ppm	Conforms
Lead	≤2ppm	Conforms
Hg	Absent	Conforms
Assay (HPLC) Madecassoside	≥80%	80.14%
Microbiological test		
Total plate count	≤1000cfu/g	Conforms
Yeast & mould	≤1000cfu/g	Conforms
E.Coli	Negative	Conforms
Staphylococcus	Negative	Conforms
Salmonella	Negative	Conforms
Conclusion : The test results conform to Madecassoside 80%.		
Storage : Keep container unopened in cool, dry place, escape from heat, light.		

QUALITY CONTROL:
Hangzhou Dingyan Chem Co.,Ltd.
Quality Control Nicole
Signature(s)

CHECK:姚仙娟

INSPECTOR: 刘清风

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