

CERTIFICATE OF ANALYSIS

Product name:	Dihydromyricetin (Water Soluble)		
Plant Latin name:	<i>Vine tea</i>	Ref. Standard:	In-house Standard
Used part:	Leaf and stem	CAS NO.:	27200-12-0
Batch Number:	20210708	Manuf. Date:	Jul.08.2021
Batch Size :	150kg	Expiry Date:	Jul.07.2023
Storage Condition:	Preserve in tight containers at controlled room temperature.		

Item	Method	Specification	Result
Organoleptic			
Appearance	Organoleptic	Fine Powder	Conforms
Color	Organoleptic	Brown Yellow	Brown Yellow
Odor	Organoleptic	Characteristic	Conforms
Taste	Organoleptic	Characteristic	Conforms
Physical Characteristics			
Particle Size	CP 0982 II	95% Through 80 mesh	Conforms
Loss on Drying	GB 5009.3	≤3.0%	1.44%
Ash	GB 5009.4	≤2.0%	0.51%
Heavy metals			
Lead(Pb)	GB 5009.12-2017 I	≤1.0ppm	Conforms
Arsenic(As)	GB 5009.11-2014 I	≤1.0ppm	Conforms
Mercury(Hg)	GB 5009.17-2014 I	≤0.5ppm	Conforms
Cadmium(Cd)	GB 5009.15-2014	≤1.0ppm	Conforms
Microbiological Tests			
Total plate Count	GB 4789.2	≤1000cfu/g	Conforms
Yeast & Mold	GB 4789.15	≤100cfu/g	Conforms
Coliform	GB 4789.3	≤10cfu/g	Negative
Salmonella	GB 4789.4	Negative	Negative
Staphylococcus	GB 4789.10	Negative	Negative
Assay	HPLC	≥30.0%	30.21%
Conclusion:	Conform to In-house standard.		

Tested by: Fangchao Yang



Approved by: Yuhua Liu