

## Certificate Of Analysis

Product name : Styphnolobium Japonicum Extract 98% Quercetin  
 Batch No.: GS201219 Part of Plant: dried flowers and buds  
 Quantity: 25kgs Inspection Date: 19/12/2020  
 Manufacture date 19/12/2020 Expiry date: 18/12/2022  
 CAS NO.: 117-39-5

TEST	STANDARD	RESULTS
Appearance	Yellow fine powder	Yellow fine powder
Extract Ratio	82:1	82:1
Solubility	Practically insoluble in water	Complies
	Soluble in aqueous alkaline sol.	Complies
Melting point	305-315°C	310°C
Identification	Must positive	Complies
<b>Tests</b>		
Loss on drying	9.0% to 12.0%	10.30%
Sulphated ash	≤0.15%	0.11%
Heavy Metals	<10ppm	Conforms
As	<1.0ppm	Conforms
Pb	<1.0ppm	Conforms
Cd	<1.0ppm	Conforms
Hg	<0.1ppm	Conforms
Mesh size	100% pass 80 mesh	Complies
Assay (anhydrous substance) UV	≥98%	98.30%
Alkaloids	Absent	Absent
BAP	10ppb Max	Complies
PAHS	50ppb Max	Complies
<b>Non-Irradiated</b>		
<b>Microbiological test</b>		
Total plate count	≤1000CFU/g	Complies
Yeast & Mould	≤100CFU/g	Complies
E.Coli	Absent	Absent
Pseudomonas aeruginosa	Absent	Absent
Conclusion: the test results conform to enterprise standard.		
Storage: a cool & dry place protected from light, keep drum close when not in use		

Analyst: 金雪军

QC manager: 戚彬彬

QA manager: 颜青来