



西安绿泉科技有限公司

XI'AN GREEN SPRING TECHNOLOGY CO., LTD.

CERTIFICATE OF ANALYSIS

Product Name: Quercetin 98%
Botanical Name: *Sophorae japonica L.*
Description: Yellow Powder with Characteristic odor and taste
Identification: Passes all criteria tests
Batch No 190323
Batch quantity 500kg
Analysis Date: Mar 23, 2019

Item	Specification	Result
Assay(Quercetin by HPLC)	≥98.0%	98.699%
Appearance	yellow powder	Complies
Identification	IR	Complies
Loss on Drying	≤5.0%	1.92%
Sulphated ash	≤0.2%	0.1%
Sulfate	≤0.1%	Complies
Reducing sugar	Negative	Complies
Sieve	100% pass 80 mesh	Complies
Heavy Metals	≤ 10ppm	Complies
As	≤ 1ppm	Complies
Hg	≤ 0.1 ppm	Complies
Pb	≤ 1ppm	Complies
Cd	≤ 1ppm	Complies
Microbiological control		
Total bacteria count	<1000 cfu/g	Complies
Yeast & mold	<100 cfu/g	Complies
E.coil	Negative	Complies
Salmonelia	Negative	Complies
Pseudomonas aeruginosa	Negative	Complies
Staphylococcus aureus	Negative	Complies

Storage Cool & dry place, Do not freeze. Keep away from strong light and heat.
Shelf 2 year when properly stored.

Approved by :
(Quality Assurance)