



四川青益纯医药科技有限公司
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CERTIFICATE OF ANALYSIS

Product Name	Quercetin Dihydrate	Code	BPBE-601-A
Botanical Source	Sophora Japonica L.	Used Part	Flower Buds
Batch No.	H020660117A	Mfg. Date	Jun. 18, 2017
Packing	25kg/Drum	Retest Date	Jun. 17, 2019
Quantity	1000kg	Report Date	Jun. 24, 2017
Specification	95%(HPLC)		

ITEM	SPECIFICATION	RESULT
Assay(HPLC)	≥95.0%	95.84%
Appearance	Yellow powder	Complies
Identification	IR: Positive	Complies
Melting Point	305°C-315°C	312°C
Particle Size	95% pass 80 mesh	Complies
Reducing Sugars	Should be not detected	Undetected
Sulfate	≤1000ppm	Complies
Chloride	≤1000ppm	Complies
Bulk Density	≥0.20gm/cc	0.23gm/cc
Tapped Density	≥0.30gm/cc	0.32gm/cc
Loss on Drying	≤12.0%	9.78%
Sulphated Ash	≤0.50%	0.12%
Heavy Metals	≤10ppm	Complies
Total Plate Count	≤1000cfu/g	Complies
-Yeast&Mold	≤100cfu/g	Complies
-E.Coli	Negative	Negative
-Salmonella	Negative	Negative
-Coliforms	≤10cfu/g	Complies
As, Hg, Cd, Pb about Sophora Japonica (starting material of Quercetin) is as below:		
-As	≤1ppm	Complies
-Pb	≤3ppm	Complies
-Cd	≤1ppm	Complies
-Hg	≤0.1ppm	Complies
Conclusion	Comply with the specification.	
Storage	Preserve in tight containers, protected from strong light and high heat. Store in dry cool place.	

Analyst:

QC Manager:

QA:

Benepure—Natural Ingredients Specialist.

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