



四川青益纯医药科技有限公司
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CERTIFICATE OF ANALYSIS

Product Name	Quercetin Soluble	Code	BPBE-602-A
Botanical Source	Sophora Japonica L.	Used Part	Flower Buds
Batch No.	H010260217A	Mfg. Date	Feb. 12, 2017
Packing	25kg/Drum	Retest Date	Feb. 11, 2019
Quantity	1000kg	Report Date	Feb. 17, 2017
Specification	10%(HPLC)		

ITEM	SPECIFICATION	RESULT
Assay(HPLC)	≥10.0%	10.35%
Appearance	Yellow brown powder	Complies
Identification	IR: Positive	Complies
Solubility	1g dissolves in 50 mL water	Easily soluble
Particle Size	90% pass 80 mesh	Complies
Reducing Sugars	Should be not detected	Undetected
Sulfate	≤1000ppm	Complies
Chloride	≤1000ppm	Complies
Bulk Density	≥0.40gm/cc	0.43gm/cc
Tapped Density	≥0.60gm/cc	0.65gm/cc
Loss on Drying	≤5.0%	4.41%
Sulphated Ash	≤0.30%	0.15%
Heavy Metals	≤20ppm	Complies
-As	≤2ppm	Complies
-Pb	≤2ppm	Complies
-Cd	≤2ppm	Complies
-Hg	≤2ppm	Complies
Related Substances	Must be qualified	Complies
Total Plate Count	≤1000cfu/g	Complies
-Yeast&Mold	≤100cfu/g	Complies
-E.Coli	Negative	Negative
-Salmonella	Negative	Negative
-Coliforms	≤10cfu/g	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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