

No.: BPBE-602-A-00/3.0

CERTIFICATE OF ANALYSIS

Product Name	Quercetin Soluble	Code	BPBE-602-A
Botanical Source	Sophora Japonica L.	Used Part	Flower Buds
Batch No.	H020760219A	Mfg. Date	Jul. 15, 2019
Packing	25kg/Drum	Retest Date	Jul. 14, 2021
Quantity	1000kg	Report Date	Jul. 20, 2019
Specification	7%(HPLC)		

ITEM	SPECIFICATION	RESULT
Appearance	Light Yellow powder	Complies
Identification	IR: Positive	Complies
Solubility	5g dissolves in 10 mL water	Complies
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	≤0.3%	0.15%
Heavy Metals	≤20ppm	Complies
-As	≤2ppm	Complies
-Pb	≤3ppm	Complies
-Cd	≤1ppm	Complies
-Hg	≤0.5ppm	Complies
Assay(HPLC)	≥7.0%	7.25%
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.	

Analyst:

Reviewed by:

Approved by: