



四川青益纯医药科技有限公司
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CERTIFICATE OF ANALYSIS

Product Name	L-Rhamnose Monohydrate	Code	BPBE-604-A
Botanical Source	Sophorae Japonica L.	Used Part	Flos sophorae bud
Batch No.	H010160417A	Mfg. Date	Jan. 12, 2017
Packing	25kg/Drum	Retest Date	Jan. 11, 2019
Quantity	2000kg	Report Date	Jan. 19, 2017
Specification	In-house		

ITEM	SPECIFICATION	RESULT
Assay	≥98.0%	99.9%
Appearance	White crystalline granule or powder	Complies
Melting Point	90°C ~ 95°C	Complies
Specific Rotation	+7.5° ~ +9.5°	Complies
Extract solvent	Water & Ethanol	Complies
Solubility: 10% in alcohol	Clear, No fallout	Complies
Residue on ignition	≤0.1%	0.04%
Calcium	≤10%	Complies
Loss on drying	≤10%	9.6%
Heavy Metals	≤10ppm	Complies
-As	≤1ppm	Complies
-Hg	≤0.1ppm	Complies
-Pb	≤1ppm	Complies
-Cd	≤1ppm	Complies
Total Plate Count	≤1000cfu/g	Complies
-Yeast & Mold	≤100cfu/g	Complies
-E.Coli	Negative	Negative
-Salmonella	Negative	Negative
Conclusion	Comply with In-house.	
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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