



## Certificate of Analysis

Product Name: Barberry Extract  
Latin Name: *Berberine Hydrochloride*  
Part Used: Stem  
Quantity: 500KG

Batch Number: RBHL201222  
Manufacture Date: 20201222  
Test Date: 20201222  
Expiry Date: 20221221

ITEM	SPECIFICATION	RESULT
Assay (Berberine)	98% Min	98.23% (Titrimetric method)
<b>Description :</b>		
Appearance	Yellowish Crystal fine powder	Complies
Odor	Characteristic	Complies
Particle Size	100% pass 80 mesh	Complies
Extract solvents	Water	Complies
<b>Physical :</b>		
Loss on drying	≤5.00%	1.32%(CP2015)
Ash content	≤1.00%	0.1%(CP2015)
<b>Chemical :</b>		
Heavy metals	< 10ppm	Complies
Arsenic (As)	< 2ppm	Complies
Lead(Pb)	< 2ppm	Complies
Cadmium(Cd)	< 1ppm	Complies
Mercury(Hg)	< 0.1ppm	Complies
Residual Solvents	≤0.05%	Negative
<b>Microbial :</b>		
Total microbacterial count	≤1,000cfu/g	Complies
Total Yeast & Mold	≤1,00cfu/g	Complies
Salmonella	Negative	Complies
E.Coli	Negative	Complies
Irradiation	Product has not been treated with ionizing radiation	

### Packing & Storage:

Packed in paper-drums and two plastic-bags inside.N.W.:25kgs I.D.35cm×H51cm  
Store in a well-closed container Away from moisture.

QC: Shifu Lei 2020.12.22

QA: Tao Ye 2020.12.22

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