

No.: BPBE-698-A-00/3.0

CERTIFICATE OF ANALYSIS

Product Name	Berberine Hydrochloride	Code	BPBE-698-A
Botanical Source	Phellodendron Amurense	Used Part	Bark
Batch No.	H011069819A	Mfg. Date	Oct. 15, 2019
Packing	25kg/Drum	Retest Date	Oct. 14, 2021
Quantity	2000kg	Report Date	Oct. 20, 2019
Specification	CP2015, HPLC		

ITEM	SPECIFICATION	RESULT
Appearance	Yellow crystalline Powder	Complies
Odor	Characteristic	Complies
Solubility	Soluble in hot-water, slightly soluble in water or ethanol, insoluble in aether.	Complies
Identification	IR	Complies
Related substance		
-Jatrorrhizine	≤1.0%	Complies
-Palmatine	≤1.0%	Complies
-Total Other Impurities	≤2.0%	Complies
Water	≤12.0%	10.80%
Residue on Ignition	≤0.2%	0.15%
Assay (Anhydrous basis)	≥90.0%	90.62%
Total Plate Count	≤1000cfu/g	Complies
-Yeast & Mold	≤100cfu/g	Complies
-E.Coli	Negative	Negative
-Salmonella	Negative	Negative
Conclusion	Comply with the specification.	
Storage	Preserve in tight containers, protected from strong light and high heat.	

Analyst:

Reviewed by:

Approved by: