



**ShengChuan Biochem Co.,Ltd.**

Address: No.6 Ke Xue Road, High-Tech Center District, Hefei,  
Anhui, Hefei 230088, China

Ph: +86-18096609087

E-mail: sales@scbiochem.com

www.scbiochem.com

### ***CERTIFICATE OF ANALYSIS***

Product Name	Berberis Aristata Extract	Plant Source	Berberis sargentiana Schneid
Part Used	Bark	Extract Solvent	Ethanol& Water
Batch Number	20200518	Manufacture Date	May 18, 2020
Quantity	50kg	Retest Date	May 17, 2023

ITEM		SPECIFICATION	RESULT	STANDARD REFERENCED
<b>Physical</b>	Appearance	Yellow fine powder	Complies	Visual
	Odor & Taste	Odorless and bitter in taste	Complies	Sensory
	Loss on drying	≤12.0%	9.32%	5g/105°C/2hrs
	Ash	≤2.0%	0.20%	2g/800°C/4hrs
	Particle size	98% pass 80 mesh	Complies	Sieve
<b>Chemical</b>	Heavy metals	≤10ppm	Complies	Atomic Absorption
	Arsenic(As)	≤2ppm	Complies	Atomic Absorption
	Lead(Pb)	≤2ppm	Complies	Atomic Absorption
	Cadmium(Cd)	≤1ppm	Complies	Atomic Absorption
	Mercury(Hg)	≤0.1ppm	Complies	Atomic Absorption
<b>Assay</b>	Berberine hydrochloride	≥97.0%	97.46%	HPLC
<b>Microbial</b>	Total microbacterial count	≤1000CFU/g	Complies	CPh.
	Yeast & Mould	≤100CFU/g	Complies	CPh.
	Escherichia Coli presence	Negative	Negative	CPh.
	Salmonella	Negative	Negative	CPh.
	Stahylococcus aureus	Negative	Negative	CPh.
<b>Else</b>	Packing	Pack in paper-drums and two plastic bag inside. Net weight: 25kg/drum		
	Storage condition	Sealed, Kept in a shady & dry place		
	Shelf life	Two years when properly stored.		

