

**KS**

Nutripharma

陕西康盛生物技术有限公司**SHAANXI KINGSCI BIOTECHNOLOGY CO., LTD.**

Add: Rm 801-802 Fuedun International Fortune Center, Wenjing Rd, Xi'an 710018 China

Tel: 029-86181961

Fax: 029-86181551

www.kingsci.com

Certificate of Analysis

Product Name	Birch Bark Extract	Batch Number	KS210308
Latin Name	<i>Betula platyphylla Suk.</i>	Manufacture Date	2021/03/08
Plant Part Used	Bark	Expiration Date	2023/03/07
Batch Quantity	500kg	Report Date	2021/03/08
Item	Specification	Results	Methods
Marker Compound	Betulinic acid >50%	50.53%	HPLC
Appearance & Color	Brown Yellow Powder	Conform	GB5492-85
Odor & Taste	Characteristic	Conform	GB5492-85
Extract Solvent	Water & Ethanol	Conform	/
Mesh Size	100% Through 80 Mesh	100%	GB5507-85
Loss on Drying	≤5.0%	2.95%	GB/T5009.3
Ash Content	≤5.0%	2.25%	GB/T5009.4
Solvent Residue	Negative	Conform	
Heavy Metals			
Total Heavy Metals	≤10ppm	Conform	
Arsenic (As)	≤0.5ppm	Conform	AOAC985.01, 16 th
Lead (Pb)	≤2ppm	Conform	AOAC985.01, 16 th
Cadmium (Cd)	≤1ppm	Conform	AOAC985.01, 16 th
Mercury (Hg)	≤0.5ppm	Conform	AOAC985.01, 16 th
Pesticides Residues	Negative	Conform	AOAC985.01, 16 th
Microbiology			
Total Plate Count	≤1000cfu/g	Conform	GB/T4789.2
Total Yeast & Mold	≤100cfu/g	Conform	GB/T4789.15
E. Coli	Negative	Conform	GB/T4789.3
Salmonella	Negative	Conform	GB/T4789.4
Staphylococcus	Negative		GB/T4789.10
Packing and Storage	Inside: Double-deck plastic bag, outside: Neutral cardboard barrel & Leave in the shady and cool dry place		
Shelf Life	2 Year When Stored properly		

QC. Manager: Wangzhi

Checker: Zhong Xiaomei

Analyst: Chenyang

