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Certificate of Analysis

Product Name	Birch Bark Extract Betulinic Acid 98%		
Plant Source	Bark	Latin Name	<i>Betula Platyphylla</i>
Production Date	2021-04-23	Batch No.	QA20210423
Expiry Date	2023-04-22	Report Date	2021-10-30
Cas No.	472-15-1	M.F.	C ₃₀ H ₄₈ O ₃
Original			
ITEMS	SPECIFICATIONS		RESULTS
Appearance	White Powder		Complies
Odor & Tasted	Characteristic		Complies
Betulinic Acid Assay(%,HPLC)	≥ 98.0		98.87
Loss on Drying(%)	≤2.0		0.60
Ash (%)	≤2.0		0.28
Particle size(%)	NLT 98% through 60 mesh sieves		Complies
Heavy metals			
Heavy Metal (ppm)	≤10		Complies
Pb(ppm)	≤3.0		Complies
As (ppm)	≤1.0		Complies
Hg(ppm)	≤0.1		Complies
Microbiological Tests			
Total Plate Count(cfu/g)	≤ 1000		Complies
Yeasts and Moulds(cfu/g)	≤ 100		Complies
E.coli (cfu/g)	Absent		Complies
Salmonella	Absent		Complies
Pathogen	Negative		Complies
Conclusion	Conform to the standard.		
Packing	25kg/drum		
Storage Temperature(Mix-Max)	0-25℃		
Shelf life	Two years if sealed and store away from direct sun light.		

QC: Li Ting

QA: Tian Wen

