

Certificate of Analysis

Product Name	Birch Bark Extract		
Lot No.	KT BET98-260324	Product Grade	Food Grade
Mfg Date	March 24, 2026	Batch Quantity	26.3kg
Sampling Date	March 25, 2026	Sample Size	10 g
Expiring Date	March 23, 2026	Report Date	March 27, 2026
Non-Irradiated / Non-ETO/ Treat by Heat Only / Non-GMO			

Analysis Items	Specifications	Results	Test Method
Assay (Betulin, on dried basis)	≥ 98.0%	98.02%	HPLC external standard
Purity (Betulin)	≥98%	98.33%	HPLC – area normalization method
Identification	Positive	Complied	TLC
Physical and chemical properties			
Appearance	Grey- white to off- white powder	Complies	Visual
Odour	Slight, Specific	Conforms	Organoleptic
Particle Size	≥98% Through 80 mesh	Conforms	Sieve analysis
Loss on drying	≤5.0%	2.20%	CP2025 Ch. 2302
Ash	≤5.0%	0.81%	CP2025 Ch. 2302
Heavy Metals	≤10.0ppm	Conforms	CP2025 Ch. 2321
Mercury(Hg)	≤ 1.0ppm	<1 ppm	CP2025 Ch. 2321
Lead(Pb)	≤ 2.0ppm	<2 ppm	CP2025 Ch. 2321
Microbiological Quality (Total viable aerobic count)			
Total Plate Count,cfu/g	≤ 1000 CFU/g	Conforms	CP2025 Ch. 1105
Mold and yeast Count,cfu/g	≤ 100 CFU/g	Conforms	CP2025 Ch. 1105
Pathogenic Bacteria	Negative	Not detected	CP2025 Ch. 1106
*Storage Condition: Store in tightly closed plastic bag and keep in a cool dry place.			
*Shelf life: 2 years when stored properly.			
*Safety Precaution: Wearing of protective goggles or safety glasses is recommended.If accidentally instilled into the eyes,immediately rinse thoroughly with water and get medical care. Wash skin with soap and water upon contact.			
Conclusion	Confirm to Specification and CP2025 Standards.		

Analyst: Lu Pengfei

Checker: Yu Xiaofang



QC: Wan Pan

Factory Address: East 16-3-1, Zhongnan High-tech Airport Industrial Park, Airport New City, Xixian New Area, Shaanxi, China.**Tel:** +86-29-8525 4454**Cell phone:** +86-133 4743 6038**Email:** sales@kintaibio.com**Web:** www.kintai-bio.com