



KINTAI
金泰生物

西安金泰生物技术有限公司
Xi'an Kintai Biotech, Inc.

Certificate of Analysis

Product Name	Berberine Hydrochloride	CAS No.	633-65-8
Product Grade	Food grade	Batch Quantity	590.1kgs
Lot No.	KT20260121	Expiry Date	2028/01/20
Manufacture Date	2026/01/21	Production process	Synthesis
Report Date	2026/03/25	Country of origin	P.R.China
Non-Irradiated / Non-ETO/ Treat by Heat Only / Non-GMO			

Analysis Items	Specifications	Results	Test Method
Assay of Berberine Hydrochloride	≥98%~102.0% Calculated on the anhydrous basis	99.5%	HPLC
Related substances	Individual impurities ≤ 1.0%	0.6%	HPLC
	Total impurities ≤ 2.0%	1.6%	HPLC
Physical and chemical properties			
Appearance	Yellow crystalline powder	Conforms	Visual
Odour	Slight, Specific	Conforms	Organoleptic
Colour	Yellow	Conforms	Organoleptic
Particle Size	≥ 98% Through 80 mesh	Conforms	Ch.P.C.Rule47
Ash	≤ 0.1%	0.10%	Ch.P.C.Rule2302
Loss on drying	≤ 12.0%	9.60%	Ch.P.C.Rule52
Heavy Metals	≤ 20.0mg/kg	Conforms	Atomic Absorption
Cadmium(Cd)	≤1.0mg/kg	Conforms	Atomic Absorption
Mercury(Hg)	≤0.1mg/kg	Conforms	Atomic Absorption
Arsenic(As)	≤1.0mg/kg	Conforms	Atomic Absorption
Lead(Pb)	≤3.0mg/kg	Conforms	Atomic Absorption
Residual Solvents			
- Ethanol	≤5000 PPM	Conforms	Gas Chromatography
Microbiological Quality (Total viable aerobic count)			
Total Plate Count,cfu/g	≤1000 CFU/g	Conforms	Ch.P.C.Rule80
Mold and yeast Count,cfu/g	≤100 CFU/g	Conforms	Ch.P.C.Rule80
E. coli	Negative	Negative	Ch.P.C.Rule80
Salmonella	Negative	Negative	Ch.P.C.Rule80
Staphylococcus aureus	Negative	Negative	Ch.P.C.Rule80
*Storage Condition: Store in tightly closed plastic bag and keep in a cool dry place. Do not freeze. Keep always from strong direct light.			
*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 Standards.		

Analyst: Zou Yuchi

Checker: Wang Pan

Q.C.: Andy Chen

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
Email: sales@kintaibio.com

Cell phone: +86-133 4743 6038
Web: www.kintai-bio.com