



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	Pomegranate Peel Extract Powder	Part used	Peel
Lot No.	KT20260722	Batch Quantity	1000kg
Manufacture Date	2026/07/22	Expiry Date	2028/07/22
Extraction Solvent	Water/Ethanol	Country of origin	P.R.China
Non-Irradiated/Non-ETO/Treat by Heat Only/Non-GMO			

Analysis Items	Specifications	Results	Test Method
Assay(Punicalagin)	≥ 40.0 g/100g	41.2 g/100g	HPLC
Physical and chemical properties			
Appearance	Brown-yellow to brown powder	Conforms	Visual
Odour	Characteristic	Conforms	Organoleptic
Particle Size	95% pass 80 mesh	Conforms	CP
Bulk Density	/	0.440 g/mL	CP
Tapped Density	/	0.54 g/mL	CP
Loss on drying	≤ 5.0 g/100g	2.12 g/100g	GB5009.3
Ash	≤ 5.0 g/100g	1.0 g/100g	GB5009.4
Heavy Metals	≤ 10 mg/kg	< 10 mg/kg	CP
Cadmium(Cd)	≤ 1.0 mg/kg	Conforms	GB5009.15
Mercury(Hg)	≤ 0.1 mg/kg	Conforms	GB5009.17
Arsenic(As)	≤ 2.0 mg/kg	< 0.10 mg/kg	GB5009.11
Lead(Pb)	≤ 3.0 mg/kg	< 0.10 mg/kg	GB5009.12

Residual Solvents

-Ethanol	≤ 1000 mg/kg	242.0 mg/kg	GC
-Methanol	≤ 10 mg/kg	7.3 mg/kg	GC

Microbiological Quality(Total viable aerobic count)

Total Plate Count,cfu/g	≤ 1000 CFU/g	< 10 CFU/g	GB4789.2
Mold and Yeast Count,cfu/g	≤ 100 CFU/g	< 10 CFU/g	GB4789.15
E.coli	Negative	Conforms	GB4789.38
Coliforms	≤ 0.92 MPN/g	< 0.3 MPN/g	GB4789.3
Salmonella	Negative	Conforms	GB4789.4
Staphylococcus aureus	Negative	Conforms	GB4789.10

***Storage Condition:** Store in tightly closed plastic bag and keep in a cool dry place. Do not freeze. Keep always from strong direct light.

***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 Standards.
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