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

Certificate of Analysis

Product Name	Okra Polypeptide	**Batch Quantity**	290 kg
Lot No.	KT-OKP-20260815-A	**Expiry Date**	August 15, 2028
Manufacture Date	August 15, 2026	**Country of origin**	P.R.China

Analysis Items	**Specifications**	**Results**	**Test Method**
Physical and chemical properties			
Protein (dry basis)	≥ 98.0 g/100g	98.9	GB 5009.5
Oligopeptide (dry basis)	≥ 80.0 g/100g	83.6	GB/T 22492 App. B
Molecular weight<1000 Da fraction	≥ 85.0 %	89.2	GB/T 22492 App. A
Total Glutamic Acid	≥ 25.0 g/100g	26.8	GB 5009.124
Moisture	≤ 7.0 g/100g	4.3	GB 5009.3
Ash	≤ 6.0 g/100g	3.1	GB 5009.4
pH (10% solution)	5.0 - 7.5	6.2	GB/T 9724
Solubility	≥ 98.0 %	99.1	Gravimetric Method
Particle Size	80 - 120 mesh	100 mesh	GB/T 5507
Bulk Density	0.30 - 0.55 g/mL	0.42	GB/T 20316.2
Heavy Metals	**≤ 20.0 ppm**	**Conforms**	**ICP-MS**
Lead (Pb)	≤ 0.5 mg/kg	< 0.05	GB 5009.12 ICP-MS
Arsenic (As)	≤ 0.5 mg/kg	< 0.05	GB 5009.11 ICP-MS
Mercury (Hg)	≤ 0.1 mg/kg	< 0.01	GB 5009.17
Cadmium (Cd)	≤ 0.1 mg/kg	< 0.01	GB 5009.15 ICP-MS
Microbiological Quality (Total viable aerobic count)			
Total Plate Count,cfu/g	≤1,000CFU/g	Conforms	GB 4789.2
Mold and yeast Count,cfu/g	≤100 CFU/g	Conforms	GB 4789.15
Coliforms	≤ 3 MPN/g	< 3	GB 4789.3
Salmonella	Negative / 25g	Negative	GB 4789.4
Staphylococcus aureus	Negative/g	Negative	GB 4789.10

***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.**

西安金泰生物技术有限公司 质检专用章 Quality Inspection & Testing XI'AN KINTAI BIOTECH INC.

Analyst: Lu Pengfei **Checker: Yu Xiaofang** **Q.C.: Wang 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