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

Certificate of Analysis

Product Name	Echinacea Extract	**Plant Source**	Echinacea purpurea L
Lot No.	KT20260108	**Product Grade**	Food Grade
Mfg Date	2026/01/08	**Batch Quantity**	232kg
Expiring Date	2028/01/07	**Report Date**	2026/02/06
Extraction Solvent	Water/Ethyl alcohol	**Country of origin**	P.R.China
Non-Irradiated / Non-ETO/ Treat by Heat Only / Non-GMO			

Analysis Items	**Specifications**	**Results**	**Test Methord**
Assay of Chicoric Acid	≥ 4.0%	4.02%	HPLC
Identification	Positive	Complied	TLC
Physical and chemical properties			
Appearance	Yellow green powder	Complies	Visual
Odour	Slight, Specific	Conforms	Organoleptic
Particle Size	≥100% Through 80 mesh	Conforms	80 mesh sieve
Reducing sugars	Not be detected	Not be detected	Chemical reaction
Bulk density	≥0.10gm/cc	0.15gm/cc	CP2010
Sulphated Ash	≤5.0%	4.75%	2g/525℃/3h
Loss on drying	≤7.0%	4.43%	2g/105℃/2h
Heavy Metals	≤10.0ppm	Conforms	Atomic Absorption
Arsenic(As)	≤2.0ppm	Conforms	Atomic Absorption
Lead(Pb)	≤2.0ppm	Conforms	Atomic Absorption
Microbiological Quality (Total viable aerobic count)			
Total Plate Count,cfu/g	≤ 10000CFU/g	Conforms	AOAC
Mold and yeast Count,cfu/g	≤ 1000 CFU/g	Conforms	AOAC
E. coli	Negative	Negative	AOAC
Salmonella	Negative	Negative	AOAC
Staphylococcus aureus	Negative	Negative	AOAC
***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 Standards.		

Analyst: Zou Yuchi **Checker: Wang Pan** **Q.C.: Andy Chen**

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