

Certificate of Analysis

Product Name	Artichoke Extract	Botanical Source	Cynara scolymus L.
Lot No.	KT20260215	Product grade	Food grade
Mfg Date	2026/02/15	Batch Quantity	396kg
Expiring Date	2028/02/14	Report Date	2026/04/29
Extraction Solvent	Water/Ethyl alcohol	Country of origin	P.R.China
Non-Irradiated / Non-ETO/ Treat by Heat Only / Non-GMO			

Analysis Items	Specification	Results	Test Method
Assay of Cynarin	≥5.0%	5.15%	UV
Identification	Positive	Complied	TLC
Physical and chemical properties			
Appearance	Brown powder	Complies	Visual
Odour	Slight, Specific	Conforms	Smell
Particle Size	≥95% Through 80 mesh	Conforms	CP2020
Bulk density	40-60g/ml	Conforms	CP2020
Loss on drying	≤7.0%	3.1%	GB 5009.3
Ash	≤5.0%	3.9%	GB 5009.4
Heavy Metals	≤10.0ppm	Conforms	Atomic Absorption
Cadmium(Cd)	≤ 1.0ppm	Conforms	Atomic Absorption
Mercury(Hg)	≤ .03ppm	Conforms	Atomic Absorption
Arsenic(As)	≤ 2.0ppm	Conforms	Atomic Absorption
Lead(Pb)	≤ 1.0ppm	Conforms	Atomic Absorption
Microbiological Quality (Total viable aerobic count)			
Total Plate Count,cfu/g	≤1,000 CFU/g	Conforms	GB 4789.2
Total Yeast and molds	≤ 50 CFU/g	Conforms	GB 4789.15
E. coli	Negative	Negative	GB4789.3
Salmonella	Negative	Negative	GB 4789.4
Staphylococcus aureus	Negative	Negative	GB 4789.10
*Storage Condition: Store in tightly closed plastic bag and keep in a cool dry place.			
*Shelf life: 2 years when properly stored.			
*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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