

Certificate of Analysis

Product Name	Azelaic acid	Source	Nonanedioic acid
Lot No.	KT20260105	Batch Quantity	800 kg
Manufacture Date	2026/01/05	Expiry Date	2028/01/04
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 Method
Content	Azelaic acid $\geq 98\%$	99.2%	GC
Physical and chemical properties			
Appearance	White or off-white fine powder	Conforms	Visual
Odour	Characteristic	Conforms	Organoleptic
Taste	Characteristic	Conforms	Olfactory
Particle Size	100% pass 80 mesh	Conforms	80 Mesh Screen
Loss on drying	$\leq 1.0\%$	0.2%	5g / 105°C / 2hrs
Residue on Ignition	$\leq 0.1\%$	0.07%	5g / 525°C / 3hrs
Heavy Metals	≤ 10 ppm	Conforms	ICP/MS
Mercury (Hg)	≤ 1.0 ppm	Conforms	ICP/MS
Arsenic (As)	≤ 1.0 ppm	Conforms	ICP/MS
Lead (Pb)	≤ 1.0 ppm	Conforms	ICP/MS
Microbiological Quality (Total viable aerobic count)			
Total Plate Count	≤ 1000 CFU/g	Conforms	USP
Total Mold & Yeast	≤ 100 CFU/g	Conforms	USP
E.Coli.	Absent	Absent	AOAC
Staphylococcus	Absent	Absent	USP
Salmonella	Absent	Absent	USP
*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: Lu Pengfei**Checker:** Yu Xiaofang**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:** natural@kintaibio.com**Cell phone:** +86-133 4743 6038**Web:** www.kintainutri.com