



Certificate of Analysis

Product Name	Coenzyme Q10	Other name	Ubidecarenone
Lot No.	KT20260425	Batch Quantity	240kg
Manufacture Date	2026/04/25	Expiry Date	2028/04/24
Product Grade	Food Grade	Report Date	2026/8/12
According as	USP-NF 2025 and in house standard	Country of origin	P.R.China

Analysis Items	Specifications	Results	Test Method
Assay (anhydrous Substance)	98.0%~101.0%	99.15%	USP-NF 2025 monograph
Identification A	IR:The IR spectra of the sample is similar with the spectra of the reference standard.	Complies	USP-NF 2025 monograph/USP<197>
Identification B	Meets USP requirements	Complies	USP-NF 2025 monograph
Related substances	Procedure1+Procedure2 <1.5 %	1.20%	USP-NF 2025 monograph
	Procedure1:Coenzymes Q7, Q8,Q9, Q11,and related impurities<1.0%	0.70%	
	Procedure2:Ubidecarenone(2 Z)-isomer and related impurities <1.0%	0.52%	
Physical and chemical properties			
Appearance	Yellow to orange, crystalline powder	Conforms	Visual
Ash	≤0.1%	0.01%	USP-NF 2025 monograph/USP<281>
Loss on drying	≤0.2%	0.08%	USP-NF 2025 monograph/USP<921>
Ethanol	≤5000 ppm	Not detected	In house/(GC)
n-Hexane	≤290 ppm	2ppm	In house/(GC)
Ethyl acetate	≤5000 ppm	Not detected	In house/(GC)
Methanol	≤5000 ppm	16ppm	In house/(GC)
Microbiological Quality (Total viable aerobic count)			
Total Plate Count,cfu/g	≤1000 CFU/g	<10cfu/g	ChP 2025<1105>
Mold and yeast Count,cfu/g	≤100 CFU/g	<10cfu/g	ChP 2025<1105>
*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

Q.C: Wan 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

Email: sales@kintaibio.com

Cell phone: +86-133 4743 6038

Web: www.kintai-bio.com