



# Shaanxi New Things Biotech Co.,Ltd

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## Certificate of Analysis

Product Name	Co Q10	Batch No.	NT25081001
Manufacture Date	2025-08-10	Quantity	550kgs
Report Date	2025-08-12	Expiration Date	2027-08-09
Packing	25kgs/drum	According as	USP-NF 2024 and in house standard

Item	Specifications	Results	Methods
Description	Yellow - orange crystalline Powder	Orange crystalline powder	Visual method
Melting point	48°C ~ 52°C	49.9~50.8°C	ChP 2020<0612>
Identification A	IR: the IR spectra of the sample is similar with the spectra of the reference standard.	Complies	USP-NF 2024 monograph/USP<197>
Identification B	Meets USP requirements	Complies	USP-NF 2024 monograph
Assay(anhydrous substance)	98.0%-101.0%	99.3%	USP-NF 2024 monograph
Water	≤0.2%	0.01%	USP-NF 2024 monograph/USP<921>
Residue on ignition	≤0.1%	0.02%	USP-NF 2024 monograph/USP<281>
Related substances	Procedure 1+Procedure 2 ≤1.5%	1.0%	USP-NF 2024 monograph
	Procedure 1: Coenzymes Q7 Q8 Q9 Q11 and the related impurities ≤ 1.0%	0.8%	
	Procedure 2: Ubidecarenone (2Z)-isomer and related impurities ≤1.0%	0.2%	
Ethanol	≤5000ppm	29ppm	In house
n-Hexane	≤290ppm	Not detected	In house
Ethyl acetate	≤5000ppm	Not detected	In house
Methanol	≤3000ppm	21ppm	In house
Total aerobic microbial count	≤1000cfu/g	<10cfu/g	ChP 2020<1105>
Total combined yeast/mould count	≤100cfu/g	<10cfu/g	ChP 2020<1105>

Storage: Store in a cool, dry place away from Moisture, Light, Oxygen

Shelf life : 24 months under the conditions below, no antioxidant used

QC Manager: Guo Shan

QA: Feng Li

