

CERTIFICATE OF ANALYSIS

Product Name	Coenzyme Q10	Test standard	USP40-NF35
Package	5kg / Aluminum tin	Manufacture Date	2024.10.20
Quantity	500KG	Analysis Date	2024.10.27
Batch No.	BF-241020	Expiry Date	2026.10.19
Items	Specifications	Results	
Identification	Corresponds qualitatively to the		Complies
IR	reference		Positive
Chemical reaction			
Water (KF)	≤0.2%		0.04
Residue on ignition	≤0.1%		0.03
Heavy metals	≤10ppm		<10
Residual solvents	Ethanol ≤ 1000ppm		35
	Ethanol Acetate ≤ 100ppm		<4.5
	N-Hexane ≤ 20ppm		<0.1
Chromatographic purity	Test1: the single related impurities ≤ 0.3%		0.22
	Test2: Coenzymes Q7, Q8,Q9,Q11 and related impurities ≤ 1.0%		0.48
	Test3: 2Z isomer and related impurities ≤ 1.0%		0.08
	Test2 and Test3 ≤ 1.5%		0.56
Assay (on the anhydrous basis)	99.0%~101.0%		100.6
Microbial Limit Test			
Total aerobicbacteria count	≤ 1000		<10
Mold and yeast count	≤ 100		<10
Escherichia coil	Absence		Absence
Salmonella	Absence		Absence
Staphylococcus aureus	Absence		Absence
Conclusion	This sample meets the standard.		
Packing	Packed in plastic bag inside and aluminum foil bag outside.		
Storage	Store in a cool and dry place, keep away from strong light and heat.		
Shelf life	Two years when properly stored.		
Conclusion	Sample Qualified.		

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