

Certificate Of Analysis

Product Name	Coenzyme Q10		
Batch No.	CQ20210815		
MFG. Date	Aug.15,2021		
Expiry Date	Aug.14,2023		
CAS:	303-98-0		
Test Standard	USP 43		
Non GMO	BSE/TSE Free	Non Irradiation	Allergen Free

ITEMS	SPECIFICATION	RESULTS	METHODS
Assay Data			
Coenzyme Q10	98.0-101%	99.27%	HPLC(USP)
Quality Data			
Appearance	Yellow to orange crystalline powder	Conforms	Visual
Identification			
A: IR	Corresponds qualitatively to the reference	Conforms	USP
B: Color Reaction	A blue color appears	Positive	USP
C: HPLC	Corresponds qualitatively to the reference	Conforms	HPLC
Particle Size	≥90% pass 80 mesh	94%	USP<786>
Melting Point	48.0°C-52.0°C	Conforms	USP<741>
Water	<0.2%	0.11%	USP<921>
Residue on Ignition	<0.1%	0.04%	USP<281>
Heavy Metal	≤20ppm	Conforms	AAS
Solvent Residues	Comply with USP<467>	Conforms	USP<467>
Chromatographic Purity	Test 1: Coenzyme Q7,Q8, Q9, Q11 and related impurities:≤1.0%	0.52%	USP
	Test 2: 2Z isomer and related impurities:≤1.0%	0.20%	USP
	Test 1&Test 2:≤1.5%	0.73%	USP
Microbiological Data			
Total Plate Count	≤1000cfu/g	Conforms	USP<2021>
Moulds and Yeast	≤50cfu/g	Conforms	USP<2021>
E.Coli	Negative/10g	ND	USP<2022>
S. aureus	Negative/25g	ND	USP<2022>
Salmonella	Negative/25g	ND	USP<2022>
Addition Data			
Packing	5kg/Bag		
Storage	Store in tightly closed original container, protected from light, in a dry place at low temperature (≤25°C)		
Shelf Life	Two Years		

