

CERTIFICATE OF ANALYSIS

Product	Coenzyme Q10 (Ubiquinone)		
Batch No.	190716	Packaging	5kg/Tin, 2Tins/Carton
Quantity	700kgs	Product Date	Jul.16,2020
Ref Standard	USP41	Expiry Date	Jul.15,2023
Items & Results			
Item	Spec.		Result
Appearance	Yellow or Orange crystalline powder		Conforms
Odor	No unpleasant smell, no special odor		Conforms
Identification			
A:IR	Corresponds qualitatively to the reference		Conforms
B:Color reaction: positive	A blue color appears		Positive
C:HPLC	Corresponds qualitatively to the reference		Conforms
Water	≤0.2%		0.03%
Melting Point	48.0°C~52.0°C		51.0°C~52.0°C
Residue on ignition	≤0.1%		0.03%
Particle size	NLT 90% pass 80mesh		Conforms
Heavy metals	≤20ppm		<10ppm
Residual Solvents	Comply with USP<467>		Conforms
Chromatographic purity	Test 1:Sum of all impurities:≤1.0%		0.49%
	Test 2:Sum of all impurities:≤1.0%		0.11%
	Test 1 and Test 2: ≤1.5%		0.60%
Related substances	Single impurity:not more than 0.5% Sum of all impurities:not more than 1.0%		Conforms
Impurity F	≤0.5%		Conforms
Assay	98.0 %~101.0 % (on anhydrous basis.)		100.0%
Total Plate Count	≤1000cfu/g		<10cfu/g
Yeast & Mold	≤50cfu/g		<10cfu/g
Coliforms	≤3cfu/g		<3cfu/g
E-Coli	Negative/10g		Negative
Salmonella	Negative/25g		Negative
S. aureus	Negative/25g		Negative
Conclusion	Conform to USP41 Standard		
Storage	Store in tightly closed original container, protected from light, in a dry place at low temperature(≤25°C)		
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			Supervisor of QC
			Li Min

