

WELLGREEN TECHNOLOGY CO.,LTD

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CERTIFICATE OF ANALYSIS

Product	Coenzyme Q10 (Ubiquinone) `		
Batch No.	180805	Packaging	5kg/Tin,2Tins/Carton
Quantity	6650kgs	Product Date	Aug.05,2018
Ref Standard	USP40	Expiry Date	Aug.04,2020
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%	0.01%	
Melting Point	48.0°C~52.0°C	51.0°C~52.0°C	
Residue on ignition	≤0.1%	0.03%	
Heavy metals	≤20ppm	<10ppm	
Pb	≤2ppm	Conforms	
As	≤2ppm	Conforms	
Hg	≤0.1ppm	Conforms	
Cd	≤1ppm	Conforms	
Residual Solvents	Comply with USP<467>	Conforms	
Chromatographic purity	Test 1:Coenzyme Q ₇ ,Q ₈ ,Q ₉ ,Q ₁₁ and related impurities:≤1.0%	0.26%	
	Test 2:2Z isomer and related impurities:≤1.0%	0.59%	
	Test 1 and Test 2: ≤1.5%	0.12%	
Assay	98.0 %~101.0 % (on anhydrous basis.)	99.40%	
Total Plate Count	≤1000cfu/g	Conforms	
Yeast & Mold	≤50cfu/g	Conforms	
Coliforms	≤3cfu/g	Conforms	
E-Coli	Negative	Negative	
Salmonella	Negative	Negative	
S. aureus	Negative	Negative	
Conclusion	Conform to USP40 Standard		
Storage	Store in tightly closed original container,protected from light,in a dry place at low temperature(≤25°C)		
Analyst	Ma Liang	Review	Liu Aiqin
		Supervisor of QC	Li Min

