



**KS**  
Nutripharma

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## Certificate of Analysis

Product	Coenzyme Q10		
Batch No.	KS-210419	Packing	5kgs/drum, 2drums/carton
Quantity	320kg	Product Date	Apr.19,2021
Specification	USP41	Expiry Date	Apr.18,2023
Items & Results			
Item	Spec.	Result	
Appearance	Yellow to orange crystalline powder	Complies	
Identification			
A: IR	Corresponds qualitatively to the reference	Complies PositiveComplies	
B: Color Reaction	A blue color appears		
C: HPLC	Corresponds qualitatively to the reference		
Melting Point	48.0°C ~ 52.0°C	51.0°C ~ 52.0°C	
Water	≤0.2%	0.01%	
Residue on Ignition	≤0.1%	0.03%	
Particle Size	Not less than 90% pass 80 mesh	Complies	
Heavy Metal	≤20ppm	<10ppm	
Residual Solvents	Comply with USP<467>	Complies	
Chromatographic purity	Test 1: Coenzyme Q7,Q8,Q9,Q11 and related impurities:≤1.0%	0.64%	
	Test 2: 2Z isomer and related impurities:≤1.0%	0.16%	
	Test 1 & Test 2: ≤1.5%	0.80%	

Microbial Limit Test					
Standard Plate Count	≤1000cfu/g				<10cfu/g
Yeast & Mold	≤50cfu/g				<10cfu/g
Coliforms	≤3MPN/g				<3MPN/g
E. Coli	Negative/10g				Negative
Salmonella	Negative/25g				Negative
S.aureus	Negative/25g				Negative
Content (%)	98%~101%				100.50%
Conclusion	Complies with the requirements of USP41.				
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

