

Specification Sheet

Product Name	COQ 10		
Packing	25Kg/Drum	Shelf Life:	24Months
Analysis	Specification		
Appearance	Yellow to orange crystalline powder		
Identification A: IR B: Color Reaction C:HPLC	Corresponds qualitatively to the reference blue color appears Corresponds qualitatively to the reference		
Melting Point	48.0°C-52.0°C		
Water	≤0.2%		
Residue on Ignition	≤0.1%		
Particle Size	Not less than 90% pass 80 mesh		
Heavy Metal	≤10ppm		
Arsenic	≤1ppm		
Lead	≤2ppm		
Mercury	≤0.1ppm		
Cadmium	≤1ppm		
Residue Solvents	Ethanol≤1000ppm Ethyl Acetate≤100ppm N-hexane≤1ppm		
Chromatographic purity	Test 1: Sum of all impurities: ≤1.0% Test 2: Sum of all impurities: ≤1.0% Test 1 & Test 2: Sum of all impurities: ≤1.5%		
Related Substances	Single impurity: not more than 0.5% Sum of all impurities: not more than 1.0%		
Impurity	≤0.5%		
Microbial Limit Test			
Standard Plate Count	≤1000cfu/g		
Yeast & Mold	≤100cfu/g		
Coli forms	≤3cfu/g		
E. Coli	Negative/10g		
Salmonella	Negative/25g		
S.aureus	Negative/25g		
Content (%)	Not less than 98.0% and not more than 101.0% of C59H90O4 calculated on the anhydrous basis		
Conclusion:	Conforms to USP36/ EP8.0/ JP16standard		