

Coenzyme Q 10 Powder

Product Characteristics

Appearance	Yellow to orange crystalline powder
Country of Origin	China

Physical Profile

Specification

Identification	
A. IR	Corresponds qualitatively to reference
B. Color reaction	A blue color appears
C. HPLC	Corresponds qualitatively to reference
Melting point	48.0 - 52.0°C
Water	≤ 0.2%
Residue on ignition	≤ 0.1%
Particle size	> 90% through 80 mesh
Heavy metals	≤ 0.002%
Lead	≤ 2 ppm
Arsenic	≤ 1 ppm
Mercury	≤ 0.1 ppm
Cadmium	≤ 1 ppm
Residual solvents	Meets USP
Chromatographic purity	
Test 1: Sum of all impurities	≤ 1.0%
Test 2: Sum of all impurities	≤ 1.0%
Test 1 & 2: Sum of all impurities	≤ 1.5%
Assay (anhydrous)	98.0 – 101.0%

Microbiological Profile

Total aerobic plate count	≤ 1000 CFU/g
Yeast and mold	≤ 50 CFU/g
Coliforms	< 3 CFU/g
E Coli	Negative/10g
Staphylococcus Aureus	Negative/25g
Salmonella	Negative/25g

Storage

Store in tight containers, protected from light & moisture and at temperature <25°C