

DATA SHEET

COENZYME Q10 98% POWDER PHARMA GRADE

INCI NAME	Ubiquinone
ALTERNATIVE NAMES	Ubidecarenone, Q10, Ubichinon-10

SPECIFICATIONS

ANALYSIS ITEM	SPECIFICATION
Assay, %	98.0 - 102.0
Identification	
A: IR	Complies
B: Colour Reaction	Complies
C: HPLC	Complies
Appearance	Yellow to orange crystalline powder
Melting Point, °C	Approx. 48.0
Loss on Drying, %	0.2 maximum
Sulfated Ash, %	0.1 maximum
Particle Size (80 mesh), %	90.0 pass minimum
Heavy Metals, ppm	10.0 maximum
Arsenic (As), ppm	1.0 maximum
Cadmium (Cd), ppm	1.0 maximum
Lead (Pb), ppm	1.0 maximum
Mercury (Hg), ppm	0.1 maximum
Residual Solvents, ppm	Ethanol: 1000 maximum Ethyl Acetate: 100 maximum N-hexane: 1.0 maximum
Related Substances, %	Unspecified impurities: 0.1 maximum Total impurities: 0.6 maximum Impurity D: 0.3 maximum Impurity F: 0.5 maximum
Microbiological Control	
Total Plate Count, cfu/g	1000 maximum
Yeast & Mold, cfu/g	50 maximum
Coliforms, MPN/g	3 maximum
Salmonella	Absent in 25 g
E. Coli	Absent in 10 g
S. Aureus	Absent in 25 g

Packing:	1 kg / 5 kg aluminium tin; 25 kg fiber drum
Shelf life:	3 years
Storage:	At ambient temperature, protected from light, heat and oxygen.



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