

DATA SHEET

COENZYME Q10 98% POWDER USP

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

SPECIFICATIONS

ANALYSIS ITEM

SPECIFICATION

Tests

Assay, %	98.0 - 101.0
Identification	Corresponds qualitatively to the reference
Color reaction	A blue color appears
Appearance	Yellow to orange crystalline powder
Melting Point, °C	46.0 - 55.0
Loss on Drying, %	0.2 maximum
Sulfated Ash, %	0.1 maximum
Particle Size (80 mesh), %	90.0 pass minimum

Contaminants

Arsenic (As), ppm	3.0 maximum
Cadmium (Cd), ppm	1.0 maximum
Lead (Pb), ppm	2.0 maximum
Mercury (Hg), ppm	3.0 maximum

Chromatographic Purity

Test 1: Coenzymes Q7, Q8, Q9, Q11 and Related Impurities, %	1.0 maximum
Test 2: 2Z Isomer and Related Impurities, %	1.0 maximum
Total Related Impurities (Test 1 + Test 2), %	1.5 maximum

Solvent Residues	Complies with USP
Pesticides Residues	Complies with USP Standard

Microbiological Control

Total Plate Count, cfu/g	1,000 maximum
Yeast & Mold, cfu/g	100 maximum
E. Coli, cfu/g	30 maximum
Salmonella	Negative in 25 g
S. Aureus	Negative in 25 g

Packing:	1 kg / 5 kg / 10 kg / 20 kg / 25 kg
Shelf life:	2 years
Storage:	< 25°C, protected from light, heat and oxygen.



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