



LifeLab

The Supplement Specialists

Product Name	Coenzyme Q10	Batch No.
CAS Number	303-98-0	Manufac
Quantity	5.0kg	Best Use

Items	Specifications	Results
Description	Yellow-orange crystalline powder	Conform
Melting point	48 °C ~52 °C	Conform
Solubility	Soluble in ether; trichloromethane and acetone; very slightly soluble in dehydrated alcohol; practically insoluble in water	Conform
Identification IR Color reaction	Sample spectrum consistent with the spectrum for USP Reference Standard A blue color appear	Conform Conform
Sieve	100% passes 80 mesh 90% passes 100 mesh	Conform
Tapped Density	0.40g/ml~0.60g/ml	Conform
Water(KF)	≤0.2%	0.02%
Residue on ignition	≤0.1%	0.03%
Heavy Metals	≤10ppm	<10ppm
Lead(Pb)	≤0.5ppm	Conform
Arsenic(As)	≤1.0ppm	<0.01ppm
Mercury(Hg)	≤0.1ppm	<0.01ppm
Cadmium (Cd)	≤0.5ppm	<0.01ppm
Chromatographic Purity	≤1.0%	0.57%
Ubidecarenone(2Z)-isomer and related impurities	≤0.5% CoQ7,Q8,Q9,Q11 and related impurities	0.35%
Total impurities	Total 1&2≤1.5%	0.90%
Methanol	≤3000ppm	Not detected
n-Hexane	≤290ppm	<0.05ppm
Ethanol	≤5000ppm	Conform
Isopropyl ether	≤300ppm	Not detected
Assay(on the anhydrous basis), HPLC	98.0~101.0%	98.50%
Total Aerobic Microbial Count	≤1000cfu/g	Conform
Yeast & Mold Count	≤50cfu/g	Conform
E.coli	Absent/10g	Not detected
Salmonella	Absent/25g	Not detected
Bile-tolerant gram negative	≤1MPN/g	<1MPN/g
Staphylococcus aureus	Absent/25g	Not detected



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