

## Technical Facts

INCI Name:	Coenzyme Q10	Formula:	C <sub>59</sub> H <sub>90</sub> O <sub>4</sub>
CAS #:	303-98-0	Molecular Weight:	863.36

## Physical Properties

Appearance	Yellow to orange crystalline powder
Identification	
A: IR	Corresponds qualitatively to the reference
B: Color Reaction	A blue color appears
C: HPLC	Corresponds qualitatively to the reference
Melting point	48.0°C-52.0°C
Water	≤0.2%
Residue on ignition	≤0.1%
Particle Size	Noe less than 90% pass 80 mesh
Heavy Metal	≤20ppm
Residual Solvents	Comply with USP<467>
Chromatographic Purity	Test 1: Coenzyme Q7,Q8, Q9, Q11 and related impurities : ≤1.0% Test 2: 2Z isomer and related impurities: ≤1.0% Test 1 & Test 2: ≤1.5%
Microbial Limit Test	
Standard plate count	≤1000 cfu/g
Yeast & Mold	≤50 cfu/g
Coliforms	≤3 MPN/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 C <sub>59</sub> H <sub>90</sub> O <sub>4</sub> calculated on the anhydrous basis

## Product Application

Used in medicine; Used as nutrition fortifier in nutraceutical, food and cosmetics.

## Other Information

**Shelf life: 36 months**