



# Certificate of analysis

Product name: Coenzyme Q10

Cas number: 303-98-0

Molecular Formula: C<sub>59</sub>H<sub>90</sub>O<sub>4</sub>

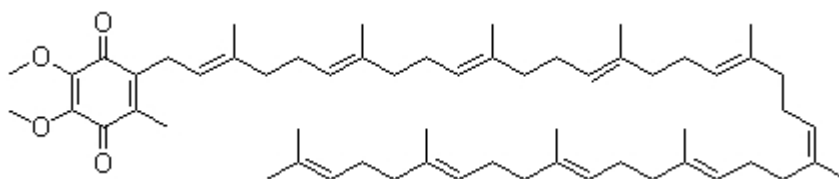
Molecular Weight: 863.36

Date of production: Mar. 28, 2014

Batch NO: 20140328

EXP DATE: Mar. 27, 2016

Chemical structure:



Items	Specifications	Results
Description	Yellow to orange crystalline powder. Odorless and no taste	Conforms
Identification	A: IR B: Color reaction: positive	Conforms
Water	≤0.2%	0.04%
Melting Point	About 48°C-52°C	49.5-50.0°C
Residue on Ignition	≤0.1%	0.05%
Heavy metals	≤20ppm	Conforms
Chromatographic purity	Coenzymes Q7,Q8,Q9,Q11 and related impurities ≤ 1.0%	0.6%
	Ubidecarenone(2Z).Isomer And Related Impurites ≤1.0%	0.4%
	Total Impurities ≤1.5%	1.0%
Assay (Coenzyme Q10)	98.0%-101.0%	99.2%

**Conclusion: It complies with the USP33 Standard.**

**Analyst: Zhao**

**Checker: Liu**

**Q.C Director: Fang**