



Technical Data Sheet

Coenzym Q10 97-103% P. (18659)

PRODUCT INFORMATION

Origin	China
Botanical source	Rhobacter sphaerbdies (natural)
Part used	Mycelium
Culture medium	Peptone
Solvents used	CO2
Ingredients	100% Coenzyme Q10
CAS	303-98-0
Synonyms	CoQ10, Ubidecarenone, Ubiquinone-10, Ubiquinone Q10
Solubility	Practically insoluble in water, soluble in acetone, Very slightly soluble in ethanol

ITEM	SPECIFICATION	METHOD
Assay	97.0%~103.0%	EP8.0<2.2.25>
Color	Yellow or Orange	Organoleptic
Odor	Characteristic	Organoleptic
Appearance	Crystalline powder	Organoleptic
Identification	Infrared absorption	EP8.0<2.2.24>
	Examine the chromatograms	EP8.0<2.2.29>
Sieve analysis	100% through 80 mesh	EP8.0 <2.9.34>
Water (KF)	≤0.2 %	EP8.0<2.5.12>
Sulphated ash	≤0.1 %	EP8.0<2.4.14>
Melting point	48°C~52°C	EP8.0<2.2.14>
Methanol	≤3000 mg/kg	Eur.Ph.8.0 <2.4.24>
n-hexane	≤290 mg/kg	Eur.Ph.8.0 <2.4.24>
Ethanol	≤5000 mg/kg	Eur.Ph.8.0 <2.4.24>
Related Substances		
Any Impurity	≤0.5%	EP8.0<2.2.29>
Total Impurities	≤1.0%	EP8.0<2.2.29>
Disregard limit	≤0.05%	EP8.0<2.2.29>

STATEMENTS

Food Quality and Safety	According to Reg. (EC) 178/2002
Contaminants	According to Reg. (EC) 2023/915 and amendments
Residual Solvents	According to Dir. (EC) 2009/32 and amendments
Pesticides	According to Reg. (EC) 396/2005 and amendments
Microbiology	Bacterial Count: TAMC-Bacteria <10,000 cfu/g, TYMC <100 cfu/g, Salmonella negative, E. Coli negative, Staphylococcus aureus negative, Bile-tolerant gram-negative bacteria ≤100 cfu/g
GMO	GMO Free According to Reg. (EC) 1829/2003 and 1830/2003 and amendments
ETO	ETO free
Vegan	Vegan
Irradiation	No ionization or other radiation is permitted According to Dir. (EC) 1999/2 and 1999/3 and amendments
BSE/TSE	Risk Free BSE/TSE
Allergen free	according to Reg. (EC) 1169/2011
Nanomaterials	Absent According to Reg. (EC) 1169/2011
Titanium dioxide	Absent According to Reg. (EC) 2022/63
MOSH/POSH/MOAH	Risk free
Packaging	According to Reg. (EC) Nr. 10/2011 and 1935/2004

STORAGE AND HANDLING

Storage	Store in an airtight container, protected from light
Shelf Life	36 months under the conditions above and in its original packaging
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