



Coenzym Q10 97-103% P. (18659)

PRODUCT INFORMATION

Origin	China
Botanical source	Rhobacter sphaerbdies (natural)
Part used	Mycelium
Culture medium	Peptone
Solvents used	CO ₂
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 <1,000 cfu/g, TYMC <100 cfu/g, Salmonella negative/10g, E. Coli negative/g, Staphylococcus aureus negative/g, 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
Document status template	19.10.23
Issue date	26.10.2023

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