



米克 (武汉) 生物科技有限公司

Mike(Wuhan) Biotechnology Co.,Ltd

CERTIFICATE OF ANALYSIS

Product name	Coenzyme Q10		
Molecular formula	C59H90O4		
Cas No.	303-98-0	Batch No.	MK-COQ10-20221010
Quantity	300kg	MFG. date	2022.10.10
Test date	2022.10.15	Retest. date	2024.10.09

Item	Specification	Result
Appearance	Orange Yellow Flowing Powder	Complies
IR	Corresponds qualitatively to the reference	Complies
Solubility	Insoluble in water, soluble in acetone, very slightly soluble in ethanol	Complies
Melting Point	48~52°C	49~50.3°C
Assay	≥98%	0.9841
Water Content	≤0.2%	0.0012
Ash	≤0.10%	0.0002
Chromatographic Purity	The sum of Coenzymes Q7 Q8 Q9 Q11 and related impurities ≤ 1.0%	0.0057
	The sum of ubiquinone (2z)-Isomer and related impurities ≤ 1.0%	0.0027
	The total impurities of test 1 and 2 ≤ 1.5%	0.0082
Granularity	100% pass through 80 mesh	1
Tapped Density	≥0.4g/ml	0.43g/ml
Residual Solvents	Ethanol ≤1000mg/kg	Complies
	N-Hexane ≤200mg/kg	Complies
	Ethyl acetate ≤3000mg/kg	Complies
Lead	≤2mg/kg	Complies
Arsenic	≤1mg/kg	Complies
Mercury	≤0.1mg/kg	Complies
Cadmium	≤1mg/kg	Complies
Total Plate Count	≤1000cfu/g	<10cfu/g
Mold and Yeast Count	≤100cfu/g	<10cfu/g
Escherichia Coli	Absence	Absence
Salmonella	Absence	Absence
Staphylococcus Aureus	Absence	Absence
Conclusion	Comply with the requirement of coenzyme Q10.	
Storage	Store in tightly closed original container, protected from light in a dry place, at low temperature ≤25°C.	

ANALYST:

CHECKER:

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Q.C. DIRECTOR:

