



# Shanghai Fengyide Technology Co.,Ltd

Room 3212, B zone, No. 365 Gubei Dong Road, Baoshan District, Shanghai,

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## Certificate of Analysis

Product Name	Coenzyme Q10	Origin	China
Batch No.	51-2410162	Manufacture Date	Oct.23, 2024
Batch Quantity	100kg	Expire Date	Oct.22, 2027

Items	Specifications	Results	Test Method
Appearance	Yellow to orange crystalline powder	Complies	Visual
Odor	Characteristic	Complies	Sensory
Solubility	Soluble in ether, trichloromethane and acetone; very slightly soluble in dehydrated alcohol; practically insoluble in water	Complies	Visual
Loss on Drying	≤0.2%	0.02%	2g/105°C/5hrs
Residue on Ignition	≤0.1%	0.03%	2g/800°C/5hrs
Melting Point	48°C-52°C	51°C-52°C	Ph.Eur
Identification	IR spectrum must be corresponded to that reference standard	Complies	Ph.Eur
	The retention time of the principal peak in the chromatogram obtained with the test solutions is similar to that of the principal peak in the chromatogram obtained with reference solution		
	Color reaction: A blue color appears		
Particle Size	Not less than 90% through 80mesh	Complies	Sieve
Heavy Metals	≤10ppm	Complies	Colorimetric method
Arsenic(inorganic)	≤1.0ppm	Complies	AFS
Lead(Pb)	≤0.5ppm	Complies	AFS
Cadmium(Cd)	≤0.5ppm	Complies	AFS
Mercury(total)	≤0.1ppm	Complies	AFS

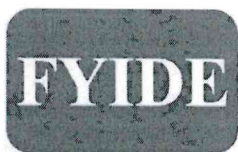
**METAPHARMACEUTICAL**

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05/02/2025



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<b>Ethanol</b>	≤3000ppm	47ppm	GC
<b>Coenzyme Q10</b>	98.0%-102.0%	99.4%	HPLC(Ph.Eur)
<b>Related Substances</b>	Any impurity<0.5% Total impurities≤1.0% Impurity F≤0.5%	0.25% 0.49% 0.01%	HPLC
<b>Total Plate Count</b>	≤1000cfu/g	<10cfu/g	Ph.Eur
<b>Yeast &amp; Mold</b>	≤50cfu/g	<10cfu/g	Ph.Eur
<b>Escherichia Coli</b>	Negative	Negative	Ph.Eur
<b>Coliforms</b>	Negative	Negative	Ph.Eur
<b>Salmonella</b>	Negative	Negative	Ph.Eur
<b>S.aureus</b>	Negative	Negative	Ph.Eur
<b>Packaging and Storage</b>	Preserve in well-closed, light-resistant containers, not more than 25°C. Keep it out of direct sunlight and away from heat source.		
<b>Shelf Life</b>	36 months under the conditions above and in its original packaging		
<b>Conclusion</b>	Complies with the requirements of USP-NF2023/EP8.0/JP17.		

**Signature: Grace**