

CERTIFICATE OF ANALYSIS

Product Name	Water Soluble Coenzyme Q10(Ubidecarenone)		
Batch Quantity	20Kg		
Batch Number	20220422	Manufacture Date	20220422
Report Date	20220422	Expiry Date	20240421

ANALYSIS	SPECIFICATION	RESULT	METHOD
Appearance	Light Yellow granule	Complies	Visual
Identification HPLC	The retention time of the principal peak obtained with the test solution similar to that obtained with reference solution.	Complies	USP34
Chemical test	A blue color appears.	Complies	USP34
Water(KF)	≤5.0%	1.25%	USP34<921 I>
Residue on Ignition	≤1.0%	0.03%	USP34
Heavy Metals	<20ppm	Complies	USP34<231 II>
Solubility (Water 0.1%w/v) Coenzyme Q10	≥95.0%	95.80%	Distilled water is used to prepare water soluble Coenzyme Q10 solution (10ml) whose concentration is 1mg/ml . The solution should be extracted by ultrasonic for 1 hour and be centrifugal for 10 minutes at the speed of 2000r/min. The content of clear solution should be measured.
Dispersity (Water 0.1%w/v)	No suspended materials and sediments	Complies	Distilled water is used to prepare water soluble Coenzyme Q10 solution (10ml) whose concentration is 1mg/ml . The solution should be placed for 30 minutes after 15 seconds vibration. Appearance should be observed. No suspended materials and sediments should be found.
Total Plate Count	<1000cfu/g	60cfu/g	USP34
Yeast & Mold	<100cfu/g	10cfu/g	USP34
E.Coli	Negative	Complies	USP34
Salmonella	Negative	Complies	USP34
Assay			
Coenzyme Q10	≥20.0%	20.59%	USP34

Storage: Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat.

Shelf Life: 24 months if store under the conditions above and stay in original packaging.