



TECHNICAL DATA SHEET

GENERAL INFORMATION

Product Name	Coenzyme Q10 (Ubidecarenone)
Country of Origin	P.R.China
Active Ingredient	Coenzyme Q10

Physical Control

Item	Specification	Test Method
Appearance	Powder	Visual
Color	Yellow to orange	Visual

Chemical Control

Item	Specification	Test Method
Water (KF)	$\leq 0.2\%$	USP41
Residue on ignition	$\leq 0.1\%$	USP41
Heavy metals	$\leq 10\text{ppm}$	USP41
Inorganic Arsenic	$\leq 3\mu\text{g/g}$	USP(2232)
Cadmium	$1\mu\text{g/g}$	USP(2232)
Total Mercury	$3\mu\text{g/g}$	USP(2232)
Lead	$1\mu\text{g/g}$	USP(2232)
Ethanol	$\leq 5000\text{ppm}$	USP41
Ethyl Acetate	$\leq 5000\text{ppm}$	USP41
N-Hexane	$\leq 290\text{ppm}$	USP41
Coenzymes Q7, Q8, Q9, Q11 and related impurities	$\leq 1.0\%$	USP41
2Z isomer and related impurities	$\leq 1.0\%$	USP41
Assay (on the anhydrous basis)	98.0% ~101.0%	USP41

Microbiological Control

Item	Specification	Test Method
Total aerobic bacteria count	≤ 1000	USP41
Mold and yeast count	≤ 100	USP41
Escherichia coli	Absence	USP41
Salmonella	Absence	USP41
Staphylococcus aureus	Absence	USP41

Packing and Storage

Packing	Colorless PE bag plus black PE bag, 20kg/drum.
Storage	Preserve in well-closed, light-resistant containers, keep it out of direct sunlight, away from heat source under 0-25 °C
Shelf Life	2 years in original well sealed containers.