

LA Office Phone: 1-626-538-4368 LA Office Phone: 1-626-321-0244

Email: info@fifthnutrisupply.net Fax: 1-626-538-4373

Fifth Nutrisupply FDA #: 11716071148

### Specification Sheet

#### COQ10

<b>Product Name</b>	COQ10	<b>Country of Origin</b>	China
<b>GMO Status</b>	Free	<b>Shelf Life</b>	3 yrs.

Analysis	Specification	Method
<b>Identification</b> A: IR B: Color Reaction	Sample spectrum consistent with the spectrum for USP reference A blue color appears	USP<197K>
<b>Appearance</b>	Yellow-Orange Crystalline Powder	Organoleptic
<b>Taste</b>	Characteristic	Organoleptic
<b>Odor</b>	Characteristic	Organoleptic
<b>Melting Point</b>	48.0°C-52.0°C	USP<741>
<b>Solubility</b>	Soluble in trichloromethane and acetone; slightly soluble in dehydrated alcohol; paractically soluble in water	
<b>Assay</b>	98.0~101.0%	USP<621>
<b>Loss on Drying</b>	≤0.20%	USP<921>
<b>Residue on Ignition</b>	≤0.10%	USP<281>
<b>Particle Size</b>	100% pass 80 mesh 90% pass 100 mesh	USP<786>
<b>Tapped Density</b>	0.40g/ml~0.60g/ml	USP<616>
<b>Heavy Metals</b>	≤10 ppm	USP<221>
<b>Lead</b>	≤0.5ppm	USP<2232>
<b>Mercury</b>	≤0.1 ppm	USP<2232>
<b>Cadmium</b>	≤0.5 ppm	USP<2232>
<b>Arsenic</b>	≤1.0 ppm	USP<2232>
<b>Residue Solvents</b>	Ethanol < 5000ppm Methanol <3000ppm Hexane < 290ppm Isopropyl ether<300ppm	USP<467>
<b>Chromatographic purity</b>	Coenzymes Q7,Q8,Q9,Q11 and related impurities:<1.0% Ubidecarenone(2z)-isomer and related impurities:<0.5% Sum of all impurities: ≤1.5%	USP<621>
<b>Total Plate Count</b>	≤1000cfu/g	USP<2021>
<b>Yeast &amp; Mold</b>	≤50cfu/g	USP<2021>
<b>E. Coli</b>	Negative/10g	USP<2022>
<b>Salmonella</b>	Negative/25g	USP<2022>
<b>Bile-Tolerant Gram Negative bacteria</b>	<10mpn/g	USP<2021>
<b>Staphylococcus Aureus</b>	Negative/25g	USP<2022>
<b>Pseudomonas Aeruginose</b>	Negative/10g	USP<62>

Approved By: Brandon Delgado

Date: September 22, 2022