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Product Master Specification

Item Name	**Coenzyme Q10 CoQ10 Powder 100% Fine Granular 40-60 Mesh (Ubiquinone / Ubidecarenone)**
Product Code	NIGEVIT1004079
Product Type	Vitamins
Issue Date	**11-Nov-2026**
Version	**V01**
QA Status	Final Approved
Intended use	Food use
Test	Specification
Organoleptic	
Appearance	Yellow to orange, crystalline Granular
Characteristics	
Identification A	IR: The IR spectra of the sample is similar with the spectra of the reference standard
Identification B	Meets USP requirements
Assay	98.0%-101.0%
Irradiation	Free
GMO	Free
BSE/TSE	Free
Particle Size	40-60mesh
Melting Point	48-52°C
Residual Solvents	Ethanol: ≤5000ppm n-Hexane: ≤290ppm Ethyl acetate: ≤5000ppm Methanol: ≤3000ppm
Water	≤ 0.20 %
Residue on Ignition	≤ 0.10 %
Heavy Metals	
Heavy Metals Total	≤ 10.00 ppm
Lead (Pb)	≤ 2.00 ppm
Arsenic (As)	≤ 1.00 ppm
Cadmium (Cd)	≤ 1.00 ppm
Mercury (Hg)	≤ 0.10 ppm
Microbiological	

Total Plate Count	≤1,000cfu/g
Yeast and Mould	≤100cfu/g
Escherichia coli (E. coli)	Not detected / g
Salmonella	Not detected / 25g
Related Substances	Procedure 1: Coenzymes Q7,Q8,Q9.Q11 and realted impurities ≤1.0% Procedure 2: Ubidecarenone (2Z)-isomer and realted impurities ≤1.0%
Storage & Handling	
Storage	Store in a clean, cool, dry place at 5 - 25°C. Protect from humidity (RH < 60) and sunlight.
Preparation and/or handling before use or processing	Please ask our QA department for detailed instructions
Transportation	Transportation suitable for dried food powders
Packaging	All packaging meets EU regulations
Shelf Life	2 years from manufacture if stored according to conditions above
Approved by	Quality Department
Signed By	Shehara Premachandra
Disclaimer	All batches are fully in line with all requirements of the agreed specifications as standard, however not all parameters are tested per batch all of the time. Nutraceuticals Group guarantee all batches.
Template Version	NGEMNSPEC202408a
General Information	While Nutraceuticals Group strives to provide comprehensive information about all ingredients, the specific nutritional data for this product is currently not available. We recommend conducting further analysis if precise nutritional information is required for your product labelling.