

SPECIFICATION SHEET

Product Name	Mitoak [®] Mitoquinone Mesylate (MitoQ reduced form)
CAS No.	845959-55-9
Molecular Formula	C ₃₇ H ₄₆ O ₄ P.CH ₃ O ₃ S
Molecular Weight	680.83
Product Specification	98%
Country of Origin	China

QUALITY SPECIFICATIONS

ITEMS	SPECIFICATIONS	METHODS
Appearance	Solid	Visual
Color	From off white to light brown	Visual
Loss on Drying	≤5.0%	USP <731>
Residue on Ignition	≤2.0%	USP <281>
Identification		
Identifiable active ingredient	Complies with standards	TLC
Assay		
Mitoquinone Mesylate (MitoQ reduced form)	Nlt 98.0 %	HPLC
Residues		
Solvent Residues	USP<467>	GC
Heavy metals		
Heavy Metals	≤10ppm	ICP-MS
Lead	≤2ppm	ICP-MS
Arsenic	≤1ppm	ICP-MS
Mercury	≤0.1ppm	ICP-MS
Cadmium	≤1ppm	ICP-MS
Microbiological		



Nature Connecting Health

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ITEMS	SPECIFICATIONS	METHODS
Total Plate Count	<1000cfu/g	USP <2021>
Yeast& Mold	<100cfu/g	USP <2021>
E.Coli	Negative	USP <2022>
Salmonella	Negative	USP <2022>
Staphylococcus	Negative	USP <2022>
Statement: Non-Irradiated, Non-BSE/TSE, Non-GMO, Non-Allergen		

STORAGE, STABILITY & PACKAGING

Storage	Store in a cool & dry place, keep away from strong light and heat.
Stability	24 months when properly stored.
Packaging	Packed in paper-drums with two food grade plastic-bags inside, 25kg/Drum or as requested.