

CERTIFICATE OF ANALYSIS

PRODUCT:	MITOQUINONE, 10-(6'-Ubiquinonyl)decyltriphenylphosphonium bromide; Mito-Q C₃₇H₄₄BrO₄P, M.W. 663.6, CAS# [444890-41-9]
PRODUCT NUMBER:	M-2541
LOT NUMBER:	J1039
APPEARANCE:	Orange-brown waxy solid.
PURITY (TLC):	> 98%
NMR:	Conforms
SOLUBILITY:	Soluble in DMSO.
DESCRIPTION:	A mitochondria-targeted antioxidant. Displays cardio- and neuroprotective effects. Displays beneficial effects in mouse models of Alzheimer's disease. Protects pancreatic β-cells against oxidative stress and improves insulin secretion. Cell permeable.
STORAGE & HANDLING:	Store desiccated at -20°C. Solutions should be stored at -20°C for up to 3 months. CAUTION: For research use only. Not for human or drug use. The pharmacological and toxicological properties of this product have not been fully investigated. Use caution when handling. Do not use this compound if you are not fully trained or are unaware of the hazards involved.

Verified: KS