



Specification for Ubidecarenone, USP Dietary Supplement (U1310)

Item Number	U1310
Item	Ubidecarenone, USP Dietary Supplement
CAS Number	303-98-0
Molecular Formula	C ₅₉ H ₉₀ O ₄
Molecular Weight	863.37
MDL Number	
Synonyms	Coenzyme Q ₁₀ ; Ubiquinone-50 ; 2-Deca(3-methylbut-2-enylene)-5,6-dimethoxy-3-methyl-p-benzoquinone ; Coenzyme Q10; Ubiquinone-50 ; Co Q10 ; CoQ10

Test	Specification	
	Min	Max
APPEARANCE		
IDENTIFICATION (A) FTIR	SPECTRUM MATCHES REFERENCE	
IDENTIFICATION (B)	BLUE COLOR APPEARS	
ASSAY (ANHYDROUS BASIS)	98.0	101.0%
CHROMATOGRAPHIC PURITY:		
PROCEDURE 1		1.0 %
PROCEDURE 2		1.0 %
TOTAL IMPURITIES		1.5 %
WATER DETERMINATION		0.2 %
RESIDUE ON IGNITION		0.1%
ELEMENTAL IMPURITIES:		
CADMIUM (Cd)	AS REPORTED	
LEAD (Pb)	AS REPORTED	
ARSENIC (As)	AS REPORTED	
MERCURY (Hg)	AS REPORTED	
CERTIFIED HALAL		
RESIDUAL SOLVENTS	AS REPORTED	
CLASS 2 (solvent) / HEXANE	.	
CLASS 3 (solvent) / ETHANOL	.	
CLASS 3 (solvent) / ETHYL ACETATE	.	
MONOGRAPH EDITION		

Test	Specification	
	Min	Max
EXPIRATION DATE		
DATE OF MANUFACTURE		

Spectrum Chemical Mfg Corp

<i>Corporate Headquarters:</i>	<i>West Coast Facility:</i>
769 Jersey Ave.	14422 S. San Pedro St.
New Brunswick, NJ 08901	Gardena, CA 90248
732.214.1300	310.516.8000