



**Specification for Levocarnitine, Free Base, USP,  
bioCERTIFIED(TM) (LE913)**

Item Number	LE913
Item	Levocarnitine, Free Base, USP, bioCERTIFIED(TM)
CAS Number	541-15-1
Molecular Formula	C <sub>7</sub> H <sub>15</sub> NO <sub>3</sub>
Molecular Weight	161.20
MDL Number	
Synonyms	

Test	Specification	
	Min	Max
APPEARANCE		
IDENTIFICATION (A) FTIR	SPECTRUM MATCHES REFERENCE	
IDENTIFICATION (B)	RETENTION TIME CORRESPONDS TO STANDARD	
ASSAY (ANHYDROUS BASIS)	97.0	103.0 %
pH	5.5	9.5
WATER DETERMINATION		4.0 %
RESIDUE ON IGNITION		0.5 %
CHLORIDE		0.4 %
POTASSIUM		0.2 %
SODIUM		0.1 %
ENANTIOMERIC PURITY (as D-CARNITINE)		0.2 %
ELEMENTAL IMPURITIES	AS REPORTED	
MICROBIAL LIMITS:		
TOTAL AEROBIC MICROBIAL COUNT (TAMC)		1000 cfu/g
TOTAL YEAST AND MOLD COUNT (TYMC)		100 cfu/g
ENDOTOXIN		10 IU/g
RESIDUAL SOLVENTS	AS REPORTED	
CLASS 3 (solvent) / ETHANOL		
MONOGRAPH EDITION		
RETEST DATE		
DATE OF MANUFACTURE		

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