



Specification for Lidocaine Hydrochloride, Monohydrate, USP, bioCERTIFIED(TM) (LI901)

Item Number	LI901
Item	Lidocaine Hydrochloride, Monohydrate, USP, bioCERTIFIED(TM)
CAS Number	6108-05-0
Molecular Formula	C ₁₄ H ₂₂ N ₂ O•HCl•H ₂ O
Molecular Weight	288.81
MDL Number	
Synonyms	Lignocaine Hydrochloride

Test	Specification	
	Min	Max
ASSAY (ANHYDROUS BASIS)	97.5	102.5%
WATER DETERMINATION	5.0	7.0%
RESIDUE AFTER IGNITION		0.1%
SULFATE		0.1 %
ORGANIC IMPURITIES:		
LIDOCAINE RELATED COMPOUND H		0.10 %
ROPIVACAINE RELATED COMPOUND A		0.01 %
ANY INDIVIDUAL IMPURITY		0.10 %
TOTAL IMPURITIES		0.5 %
ELEMENTAL IMPURITIES		AS REPORTED
MICROBIAL LIMITS		
BACTERIAL ENDOTOXINS		1.1 USP EU/mg
TOTAL AEROBIC MICROBIAL COUNT		10 ³ cfu/g
TOTAL YEAST AND MOLDS		10 ² cfu/g
IDENTIFICATION A) FTIR	SPECTRUM MATCHES REFERENCE	
RETEST DATE		
DATE OF MANUFACTURE		
APPEARANCE		
RESIDUAL SOLVENTS		AS REPORTED

Spectrum Chemical Mfg Corp

Corporate Headquarters: West Coast Facility:
 769 Jersey Ave. 14422 S. San Pedro St.
 New Brunswick, NJ 08901 Gardena, CA 90248

Spectrum Chemical Mfg Corp

Corporate Headquarters: West Coast Facility:

732.214.1300

310.516.8000