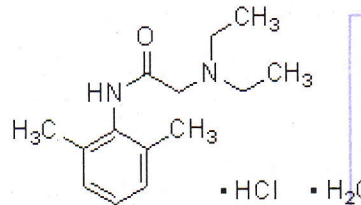


3050 Spruce Street, Saint Louis, MO 63103, USA
 Website: www.sigmaaldrich.com
 Email USA: techserv@sial.com
 Outside USA: eurtechserv@sial.com

Certificate of Analysis

Product Name:
 Lidocaine hydrochloride monohydrate - solid

Product Number: L5647
 Lot Number: SLBB5901V ✓
 Brand: SIGMA
 CAS Number: 6108-05-0
 MDL Number: MFCD00150329
 Formula: C₁₄H₂₂N₂O · HCl · H₂O
 Formula Weight: 288.81 g/mol
 Quality Release Date: 05 JAN 2012



FARMADENT d.o.o.
 Minarikova ul. 6
 2000 Maribor
 Prejel: PUŠIČ BRAGO
 Datum prejava: 19.3.14
 Pregledal: MAROLI Ebert, mag. farm. spec.
 Datum pregleda: 19.3.10/14

Test	Specification	Result
Appearance (Color)	White	White
Appearance (Form)	Powder	Powder
Solubility (Color)	Colorless	Colorless
Solubility (Turbidity)	Clear	Clear
50 mg/ml, H ₂ O		
Carbon (anhydrous)	61.2 - 63.0 %	62.4 %
Nitrogen (anhydrous)	10.0 - 10.6 %	10.4 %
Purity (HPLC)	≥ 99 %	100 %
Water (by Karl Fischer)	≤ 7 %	6 %

Rodney Burbach, Manager
 Analytical Services
 St. Louis, Missouri US

Recommended Re-Test Date:
 19. 03. 2015

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.