

Certificate of Analysis

Product: Lidocaine Hydrochloride
Item Number: C4833
Grade: USP
Lot Number: 240715-C
Manufacture Date: 01/26/2024
Expiration Date: 01/25/2028
Country of Origin: United States

Tested Property	Specification	Analysis
Assay (C ₁₄ H ₂₂ N ₂ O·HCl)	97.5-102.5%	99.32%
Water	5.0-7.0%	6.62%
Residue After Ignition	≤0.1%	<0.1%
Sulfate & Chlorides	≤0.1%	<0.1%
Total Impurities	≤0.5%	0.49%
Lidocaine Related Compound H	≤0.1%	None Detected
Ropivacaine Related Compound A	≤0.01%	None Detected
Any individual impurity	≤0.1%	<0.1%
Total Impurities	≤0.5%	0.49%
Identification A, FTIR Spectrum	Matches Reference	Conforms
Identification B, Retention Time	Corresponds to Standard	Conforms
Identification C	Positive for Chloride	Conforms
Residual solvents by GC		
Acetone	≤5000ppm	855ppm
Toluene	≤890ppm	1ppm
Benzene	≤2ppm	0.61ppm
Description	White, Odorless, crystalline powder with a slightly bitter taste	Pass

[Lidocaine Hydrochloride](#)

Note: The information and recommendations of Lab Alley concerning this product are based upon laboratory

Phone: 512-668-9918, Fax: 512-886-4008,
 E-mail: customercare@laballey.com,
www.laballey.com,

12501 Pauls Valley Road, Suite A, Austin, Texas 78737.

© copyright: 2025 Lab Alley



tests and experience. To the best of our knowledge and belief these are true and accurate, however Lab Alley assumes no obligation or liability for the information in this document. Since conditions of actual use are beyond our control, any recommendations or suggestions regarding merchantability and fitness for particular purposes are made without warranty, expressed or implied.

Phone: 512-668-9918, Fax: 512-886-4008,
E-mail: customercare@laballey.com,
www.laballey.com,

12501 Pauls Valley Road, Suite A, Austin, Texas 78737.

© copyright: 2025 Lab Alley