

Certificate of Analysis

Product: Lidocaine Hydrochloride

Item Number: C4833

Grade: USP

Lot Number: 250604-M

Manufacture Date: 01/26/2024

Expiration Date: 01/25/2028

Country of Origin: India

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%	<0.05%
Sulfate & Chlorides	≤0.1%	Pass
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%	0.5%
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

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