



TECHNICAL DATA SHEET(TDS)
Lidocaine Hydrochloride, USP Grade
Product Specifications (CAS# 6108-05-0)

Test	Specification	Typical Results
Assay (C ₁₄ H ₂₂ N ₂ O-HCl)	97.5 - 102.5%	97.8
Water	5.0 - 7.0%	6.5
Residue After Ignition	≤0.1%	<0.05
Sulfate	≤0.1%	Pass
Total Impurities	≤0.5%	<0.5
Lidocaine Related Compound H	≤0.1%	None Detected
Ropivacaine Related Compound A	≤0.01%	None Detected
Any individual impurity	≤0.1%	<0.1
Identification A, FTIR Spectrum	Matches Reference	Conforms
Identification B, Retention Time	Corresponds to Standard	Conforms
Identification C	Positive for Chloride	Conforms

Appropriate/legal use of this product is the responsibility of the user.

[Lidocaine Hydrochloride, USP Grade](#)

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