



1251 Frontenac Road, Naperville, IL 60563
331-281-0154 / support@shopbv.com

CERTIFICATE OF ANALYSIS

Product	LIDOCAINE HCL	Page No.	01 of 01
Standard for Release	USP (DMF GRADE)	Drug Lic. No.	G/25/1642
LOT No.	LHAH0070124	Batch Quantity	803.150 Kgs.
Mfg. Date	JAN-2024	Date of Sampling	29/01/24
		Date of Approval	08/02/24
A.R. No.	FP/LH/010/24	Dispatched Qty.	800 Kg.
C.A.S. No.	6108-05-0		

Tests	Acceptance Criteria	Test Result
1. Description	White, odorless, crystalline powder, having a slightly bitter taste.	White crystalline powder.
2. Solubility	Very soluble in water and in alcohol, soluble in chloroform, in soluble in ether.	Complies
3. Identification	A) (By IR): The infrared spectrum of sample should be concordant with that standard spectrum.	Complies
	B) (By Assay): The retention time of the major peak of the Sample solution corresponds to that of the Standard solution, as obtained in the Assay.	Complies
	C) (By Chloride): The white turbidity produced and dissolve with Ammonia.	Complies
4. Organic Impurities (By HPLC)	Lidocaine related Compound H: NMT 0.10 % Ropivacaine related Compound A: NMT 0.01 % Any individual unspecified impurity: NMT 0.10 % Total Impurities: NMT 0.5 %	0.002 % 0.0003 % 0.007 % 0.021 %
5. Chloride and Sulphate	Not more than 0.1 %	Complies
6. Residue on ignition	Not more than 0.1 %	0.03 %
7. Water determination	Between 5.0 and 7.0 %	6.21 %
8. Assay (By HPLC)	NLT 97.5 % and NMT 102.5 % (on anhydrous basis).	99.04 %
9. Residual solvent (By GC-HS)	Acetone: NMT 5000 ppm Toluene: NMT 890 ppm Benzene: NMT 2 ppm	1011 ppm 1 ppm 0.73 ppm



Remarks: The product complies with respects to above tests and prescribed standard specification as per USP2023.

Please consult the SDS for further information.

BVV guarantees only that the product described herein meets the specifications outlined in this document. All transactions involving this product are governed by BVV's standard terms and conditions. This Certificate of Analysis (COA) does not include any additional representations, guarantees, or warranties, whether express or implied, beyond those explicitly stated.