

Lidocaine (Standard)

Cat. No.:

HY-B0185R

Batch No.:

287934

CAS No.:

137-58-6

Test Date:

2023-09-29

Expiry Date:

2025-09-28 (Stability testing is ongoing to ensure concentration accuracy . The certificate of analysis and product expiry date will be updated upon completion of testing. You can download the latest version from our official website)

Molecular Formula:
 $C_{14}H_{22}N_2O$
Molecular Weight:

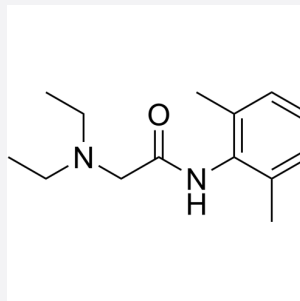
234.34

Package:

Brown glass bottle

Storage:

4°C, sealed storage, away from moisture and light

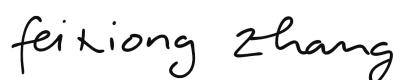

Assay: 98.70%

Assay (%) = (100% - Loss On Drying - Residue on ignition) * Purity

Analytical	Specification	Result
Appearance:	White to off-white (Solid)	White (Solid)
¹ H NMR Spectrum:	Consistent with structure	Consistent with structure
MS:	Consistent with structure	Consistent with structure
Purity:	Not less than 90.0%	99.85% (HPLC)
Loss on drying (LOD):	<3.0%	0.26%
Residue on ignition (ROI):	N/A	0.90%
Traceability:	Fully qualified and calibrated to ISO 17025 requirements. All calibrations utilize institute of metrology traceable weights which are calibrated externally by a qualified ISO 17025 accredited calibration laboratory to metrology institute standards.	



Quality Control



Quality Assurance

