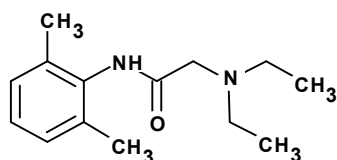


## Product Information

### Lidocaine analytical standard

Catalog Number **L1026**  
Lot Number SLBB1393V  
Store at Room Temperature

CAS RN 137-58-6  
Synonyms: 2-Diethylamino-N-(2,6-dimethylphenyl)  
acetamide, Lignocaine, Xylocaine



### Product Description

Molecular Formula: C<sub>14</sub>H<sub>22</sub>N<sub>2</sub>O  
Molecular Weight: 234.34

This product meets USP specifications (Current through USP 34, 2nd Supplement) and is traceable to USP Reference Standard lot MOF220.

### Precautions and Disclaimer

This product is for R&D use only, not for drug, household, or other uses. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

### Preparation Instructions

Dry a portion in vacuum over silica gel for 24 hours before use. Use promptly. Discard unused material.

### Storage/Stability

Store in a sealed vial at room temperature.

CMW,MAM 03-12-1

TEST	USP 34 SPECIFICATIONS	Result Analytical Standard Lot SLBB1393V
Identification A <197K> Infrared absorption	compares to standard	conforms to USP RS Lot MOF220
Identification B	a bright green color develops, and a fine precipitate is formed	pass
Melting range <741>	between 66 °C and 69 °C	68–69 °C
Residue on ignition <281>	not more than 0.1%	0.0%
Chloride <221>	not more than 0.0035%	pass
Sulfate	pass	pass
Heavy Metals <231> Method I	not more than 0.002%	pass
Assay	Not less than 97.5% and not more than 102.5%	99.0%
Residual Solvents<467>	meets requirements	conforms; Class 2 solvents- toluene (meets USP option 1 limit)

See reverse side for IR spectrum of Analytical Standard

# Infrared Spectrum KBr Dispersion

