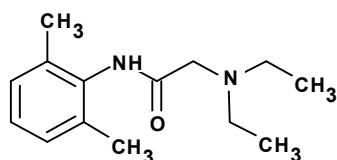


Product Information

Lidocaine
Sigma Reference StandardCatalog Number **L1026**
Lot Number 068K8731
Store at Room TemperatureCAS RN 137-58-6
Synonyms: Lignocaine; Xylocaine; 2-Diethylamino-
N-(2,6-dimethylphenyl) acetamide**Product Description**Molecular Formula: C₁₄H₂₂N₂O
Molecular Weight: 234.34

This product meets USP specifications (Current through USP 31, 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 and discard unused material.

Storage/Stability

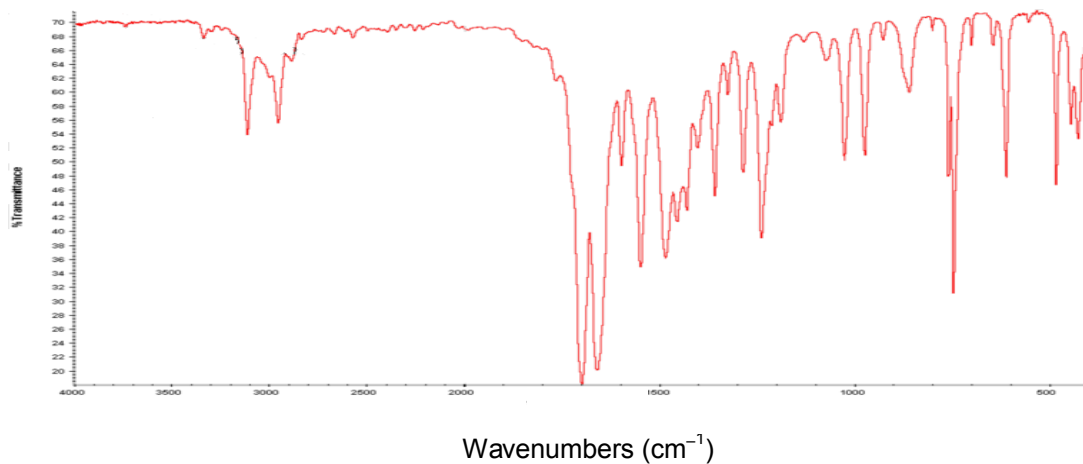
Store in a sealed vial at room temperature.

CMW,MAM 12-08-1

TEST	USP 31 SPECIFICATIONS	Result Sigma Reference Standard Lot 068K8731
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	passes
Melting range <741>	between 66 and 69 °C	68–69 °C
Residue on ignition <281>	not more than 0.1%	passes
Chloride <221>	meets requirement	passes
Sulfate	meets requirement	passes
Heavy Metals <231> Method I	not more than 0.002%	passes
Assay<621> high performance liquid chromatography	Not less than 97.5% and not more than 102.5%	101.5%
Residual Solvents <467>	meets the requirements	conforms; Class 2 solvents-toluene (meets USP option 1 limit)

See reverse side for IR spectrum of Sigma Reference Standard

Infrared Spectrum
KBr Dispersion



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