

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	37988
<b>Lot Number</b>	003483-004-07-23
<b>Product</b>	<b>Lidocaine</b> 2-Diethylamino-N-(2,6-dimethylphenyl)acetamide
<b>CAS Number</b>	137-58-6
<b>Molecular Formula</b>	C <sub>14</sub> H <sub>22</sub> N <sub>2</sub> O
<b>Molecular Weight</b>	234.34

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<b>Appearance</b>	White crystalline powder
<b>Solubility</b>	Practically insoluble in water, very soluble in ethanol (96%) and methylene chloride.
<b>Anion</b>	Sulphate : < 0.1% Chloride : < 35 ppm
<b>Residual Solvents</b>	85 ppm (Toluene)
<b>Related Substances</b>	Ropivacaine related compound A : Not detected Lidocaine related compound H : Not detected Individual impurity : Not detected Total impurity : Not detected
<b>Residue On Ignition</b>	0.040%
<b>Purity by HPLC</b>	99.98% (On dry basis)
<b>Grade</b>	Meets USP Specification
<b>Storage</b>	Store at 2 - 8 °C
<b>Additional Information</b>	Identification : Test for A : Infrared Spectrum : Conforms to structure Test for B : Passes test
<b>Remarks</b>	See material safety data sheet for additional information  For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Bala Kumar**  
Quality Control Manager