

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	16983
<b>Lot Number</b>	001738-1504005
<b>Product</b>	<b>Gabapentin</b>
	1-(Aminomethyl)cyclohexaneacetic acid
<b>CAS Number</b>	60142-96-3
<b>Molecular Formula</b>	C <sub>9</sub> H <sub>17</sub> NO <sub>2</sub>
<b>Molecular Weight</b>	171.24

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<b>Appearance</b>	White crystalline powder
<b>Heavy Metals</b>	< 0.002%
<b>Anion</b>	Limit of Chloride: 0.001%
<b>Water Content (Karl Fisher)</b>	0.06%
<b>pH</b>	7.2
<b>Infrared Spectrum</b>	Conforms to structure
<b>Residual Solvents</b>	Ethanol: 0.02%
<b>Related Substances</b>	Gabapentin related components A: 0.004% Gabapentin related components B: 0.02% Gabapentin related components E: 0.01% Individual unknown impurity: Not detected Any individual impurity: Not detected Total impurities: 0.004%
<b>Residue On Ignition</b>	0.02%
<b>Purity by HPLC</b>	100.2%
<b>Grade</b>	USP
<b>Storage</b>	Store at 0-8 °C

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**Remarks**

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**