

# Chem-Impex International, Inc.

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Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

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## Certificate of Analysis

<b>Catalogue Number</b>	21332
<b>Product</b>	<b>D-Lysine</b>
<b>Lot Number</b>	001132-20190201 D-2,6-Diaminohexanoic acid
<b>CAS Number</b>	923-27-3
<b>Molecular Formula</b>	C <sub>6</sub> H <sub>14</sub> N <sub>2</sub> O <sub>2</sub>
<b>Molecular Weight</b>	146.19

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<b>Appearance</b>	White or light yellow powder
<b>Heavy Metals</b>	Lead (Pb) : < 10 ppm
<b>Optical Rotation</b>	[α] <sup>20</sup> <sub>D</sub> = -13 ° (C=1 in water)
<b>Loss on Drying</b>	0.21%
<b>Residue On Ignition</b>	0.01%
<b>Chiral HPLC</b>	100% (ee)
<b>L-Enantiomer</b>	Not detected
<b>Purity by HPLC</b>	100%
<b>Storage</b>	Store at 0 - 8 °C
<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