



# INDOFINE Chemical Company, Inc.

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## Certificate of Analysis

<b>Catalog Number</b>	04-1841
<b>Product Name</b>	<b>L-ALLOISOLEUCINE</b> (2S,3R)-2-Amino-3-methylpentanoic acid
<b>Lot Number</b>	FP/0109/014
<b>CAS Registry Number</b>	1509-34-8
<b>Molecular Formula</b>	C <sub>6</sub> H <sub>13</sub> NO <sub>2</sub>
<b>Molecular Weight</b>	131.18
<b>Appearance</b>	White powder
<b>Solubility</b>	Clear, colorless solution (10mg/ml in 80% Acetic acid)
<b>Specific Optical Rotation</b>	$\alpha^20_D = +35.5^\circ$ (c=5, 6M HCl)
<b>Purity by TLC</b>	99%
<b>nBuOH:AcOH:H<sub>2</sub>O (3/1/1)</b>	Detected by: NH, IRH.
<b>Enantiomeric purity by GC</b>	98.9%