



# INDOFINE Chemical Company, Inc.

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## *Certificate of Analysis*

<b>Catalogue Number</b>	04-113
<b>Lot Number</b>	P67071201
<b>Product</b>	<b>D-Alanine</b>
	D-Ala-OH
	(R)-2-Aminopropionic acid
<b>CAS Number</b>	338-69-2
<b>Molecular Formula</b>	C <sub>3</sub> H <sub>7</sub> NO <sub>2</sub>
<b>Molecular Weight</b>	89.09
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<b>Appearance</b>	White crystalline powder
<b>Heavy Metals</b>	< 10 ppm
<b>pH</b>	5.5-6.7
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>20</sup> = -14.5° (C=6, 1N HCl)
<b>Loss on Drying</b>	0.2%
<b>Residue On Ignition</b>	< 0.2%
<b>Assay by titration</b>	99.4% (Dried basis)
<b>Storage</b>	Store at RT