



# INDOFINE Chemical Company, Inc.

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## *Certificate of Analysis*

<b>Catalogue Number</b>	04-2235
<b>Lot Number</b>	001220-20120713
<b>Product</b>	<b>D-Phenylalanine</b> D-Phe-OH  ( <i>R</i> )-2-Amino-3-phenylpropionic acid
<b>CAS Number</b>	673-06-3
<b>Molecular Formula</b>	C <sub>9</sub> H <sub>11</sub> NO <sub>2</sub>
<b>Molecular Weight</b>	165.2

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<b>Appearance</b>	White crystalline powder
<b>Heavy Metals</b>	< 10 ppm
<b>Anion</b>	Chloride (Cl <sup>-</sup> ) = < 0.1%
<b>Optical Rotation</b>	[α] <sub>D</sub> = +34.6° (C=2 in H <sub>2</sub> O)
<b>Loss on Drying</b>	0.08%
<b>Residue On Ignition</b>	0.06%
<b>Assay</b>	99.5%
<b>Purity</b>	99.5%
<b>Storage</b>	Store at RT