

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	16872
<b>Lot Number</b>	000705-924276
<b>Product</b>	<b>(2R,3R)-3-Amino-2-hydroxy-3-phenylpropionic acid</b>
<b>CAS Number</b>	55325-50-3
<b>Molecular Formula</b>	C <sub>9</sub> H <sub>11</sub> NO <sub>3</sub>
<b>Molecular Weight</b>	181.19

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<b>Appearance</b>	White powder
<b>Melting Point</b>	220-222°C (Dec.)
<b>TLC System</b>	Chloroform/Methanol/Acetic acid (90:8:2) Single spot Chloroform/Methanol/Benezene/Water (8:8:8:1) Single spot Visualized with UV/Iodine
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>25</sup> = +55.0° (C=1 in H <sub>2</sub> O)
<b>Purity by TLC</b>	> 98%
<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