

# 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>	16852
<b>Lot Number</b>	000705-452869
<b>Product</b>	<b>D-4-Aminomethylphenylalanine</b> D-Phe(4-CH <sub>2</sub> NH <sub>2</sub> )-OH (2R)-2-Amino-3-[4-(aminomethyl)phenyl]propanoic acid
<b>CAS Number</b>	1217662-97-9
<b>Molecular Formula</b>	C <sub>10</sub> H <sub>14</sub> N <sub>2</sub> O <sub>2</sub>
<b>Molecular Weight</b>	194.23

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<b>Appearance</b>	White powder
<b>TLC System</b>	Chloroform/Methanol/Acetic acid 90/8/2 Single spot Chloroform/Methanol/Benzene/Water 8/8/8/1 Single spot Visualized with : UV/Iodine
<b>Optical Rotation</b>	[α] <sub>D</sub> <sup>25</sup> = 8.8 ° (C=1 in water)
<b><sup>1</sup>H NMR</b>	Conforms to structure
<b>Chiral HPLC</b>	100% (ee)
<b>LCMS</b>	Conforms to standard
<b>L-Enantiomer</b>	Not detected
<b>Purity by HPLC</b>	99.68%
<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