

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalog Number</b>	06337
<b>Product Name</b>	N-Me-Asp-OH N <sup>α</sup> -Methyl-L-aspartic acid
<b>Lot Number</b>	502815
<b>Molecular Formula</b>	C <sub>5</sub> H <sub>9</sub> NO <sub>4</sub>
<b>Molecular Weight</b>	147.13
<b>Appearance</b>	White powder
<b>Solubility</b>	Clear, colorless solution (50mg/ml in AcOH 80%)
<b>Optical Specific Rotation</b> (α <sup>24</sup> <sub>D</sub> )	+15.4° (1%, Water)
<b>Melting Point</b>	197-200°C
<b>Elemental Analysis (Found)</b>	C 40.02%, H 6.59%, N 09.34%
<b>Elemental Analysis (theory)</b>	C 40.32%, H 6.23%, N 09.40%
<b>Assay (TLC)</b>	Purity by TLC >99% Detected by UV, Ninhydrin/chlorine-tolidine.
<b>n-Butanol/Acetic acid/H<sub>2</sub>O</b> 4/2/2 (v/v/v)	
<b>Isopropanol/ammonia conc (v/v)</b> 1/1	
<b>Plate Silicagel 60 F<sub>254</sub></b>	
<b>Purity</b>	99%
<b>Storage</b>	Store at 0-5°C.
<b>Remarks</b>	See material safety data sheets for additional information. For laboratory use only.

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Sashi Kumar**  
**Quality Control Manager**