

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	05942
<b>Product</b>	<b>D-Aspartic acid <math>\beta</math>-methyl ester hydrochloride</b> D-Asp(OMe)-OH•HCl
<b>CAS Number</b>	21394-81-0
<b>Molecular Formula</b>	C <sub>5</sub> H <sub>9</sub> NO <sub>4</sub> •HCl
<b>Molecular Weight</b>	183.64

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<b>Appearance</b>	White to off-white crystalline powder
<b>Elemental Analysis (Theory)</b>	Nitrogen : 7.125 - 8.125%
<b>Heavy Metals</b>	≤ 10 ppm
<b>Anion</b>	Chloride : 18.6 - 19.6% Sulphate : ≤ 0.02%
<b>Cation</b>	Arsenic : ≤ 1 ppm
<b>Optical Rotation</b>	[ $\alpha$ ] <sub>D</sub> <sup>20</sup> = -15.9 to -16.9 °
<b>Assay</b>	≥ 99%
<b>Storage</b>	Store at 0 - 8 °C

**For Laboratory Use Only**