

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	09616
<b>Product</b>	<b><i>N</i>-Methyl-<i>L</i>-threonine hydrochloride</b>
	N-Me-L-Thr-OH•HCl
<b>CAS Number</b>	2812-28-4
<b>Molecular Formula</b>	C <sub>5</sub> H <sub>11</sub> NO <sub>3</sub> •HCl
<b>Molecular Weight</b>	169.65
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<b>Appearance</b>	White powder
<b>Appearance of Solution</b>	Clear, colorless solution (50 mg/mL in AcOH 80%)
<b>TLC System</b>	n-butanol/Acetic acid/H <sub>2</sub> O (4/2/2) Chloroform/Methanol/Acetic acid/H <sub>2</sub> O (60/45/14/6) Methanol/Chloroform/Ammonia 17% (2/2/1) Plate : Silicagel 60 F <sub>254</sub> Detected by : UV, Ninhydrin, Chlorine-tolidine
<b>Assay</b>	≥ 99% (Nth 10.52% by Elemental analysis)
<b>Purity by TLC</b>	≥ 99%
<b>Storage</b>	Store at 0 - 8 °C

**For Laboratory Use Only**