

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	03340
<b>Product</b>	<b>L-Glutamic acid <math>\alpha</math>-4-methoxy-<math>\beta</math>-naphthylamide</b> L-Glu-4M $\beta$ NA
<b>CAS Number</b>	74938-90-2
<b>Molecular Formula</b>	C <sub>16</sub> H <sub>18</sub> N <sub>2</sub> O <sub>4</sub>
<b>Molecular Weight</b>	302.3

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<b>Appearance</b>	Yellowish powder
<b>Solubility</b>	Clear, colorless solution (10 mg/ml in 80% AcOH)
<b>Melting Point</b>	183-186 °C
<b>Water Content (Karl Fisher)</b>	≤ 1%
<b>TLC System</b>	Chloroform/methanol/acetic acid: 32% 5/3/1 n-butanol/acetic acid/water: 4/2/2 Ethylacetate/pyridine/acetic acid/water: 6/5/1/3 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine
<b>Purity by TLC</b>	≥ 98%
<b>Storage</b>	Store at 0-8°C

**For Laboratory Use Only**