

# *Chem-Impex International, Inc.*

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## *Product Specifications*

**Catalogue Number** 05642

**Product** ***N*-Benzyl-*N*-methyl-*L*-serine**

Bzl-N-Me-L-Ser-OH

**CAS Number** 201208-99-3

**Molecular Formula** C<sub>11</sub>H<sub>15</sub>NO<sub>3</sub>

**Molecular Weight** 209.25

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**Appearance** White powder

**Appearance of Solution** Clear colorless solution (50mg/mL in Methanol)

**Elemental Analysis (Theory)** C = 63.14%; H = 7.23%; N = 6.69%

**Elemental Analysis (Found)** C = 62.85 ± 0.5%; H = 7.10 ± 0.5%; N = 6.55 ± 0.5%

**TLC System** n-Butanol/Acetic acid/H<sub>2</sub>O (4:2:2) Chloroform/MeOH/Acetic Acid 32% (5:3:1) Chloroform/MeOH/Acetic Acid/H<sub>2</sub>O (70/42/0.5/10) Methanol/Chloroform/Ammonia 17% (2:2:1)

**Optical Rotation** [α]<sub>D</sub><sup>24</sup> = +10.0 ± 2 ° (C=1% in 1N HCl)

**Purity by TLC** ≥ 99%

**Storage** Store at 0-8°C

**For Laboratory Use Only**