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Certificate of Analysis

Catalogue Number 05642
Lot Number 501381
Product ***N*-Benzyl-*N*-methyl-*L*-serine**

Bzl-N-Me-L-Ser-OH

CAS Number 201208-99-3
Molecular Formula C₁₁H₁₅NO₃
Molecular Weight 209.25

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%; H = 7.42%; N = 6.42%
TLC System n-Butanol/Acetic acid/H₂O (4:2:2)
Isopropanol/Ammonia conc. (1:1)
Detected by: UV, ninhydrin, chlorine-toluidine
Optical Rotation [α]_D²⁴ = +10.5 ° (C=1% in 1N HCl)
Purity by TLC > 99%
Storage Store at 0-8°C
Remarks See material safety data sheet for additional information
For laboratory use only

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



Bala Kumar
Quality Control Manager