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Certificate of Analysis

Catalogue Number 04018
Lot Number 000127-1036277
Product **Boc-O-benzyl-L-serine 4-nitrophenyl ester**

Boc-L-Ser(Bzl)-ONp

CAS Number 16948-39-3
Molecular Formula C₂₁H₂₄N₂O₇

Molecular Weight 416.43

Appearance Clear, yellow oil
Solubility Clear, slightly yellowish solution (50mg/mL in Methanol)
Elemental Analysis (Theory) C = 60.57%; H = 5.81%; N = 6.73%
Elemental Analysis (Found) C = 60.39%; H = 5.87%; N = 6.61%
TLC System Chloroform/ethyl acetate/acetic acid 90/10/2
Toluene/dioxane/acetic acid 95/25/4
Ethyl acetate/Hexanes (4:5)
Plate: silicagel 60 F₂₅₄
detected by: UV, ninhydrin, chlorine-tolidine ammoniummolybdate
MeOH 80%
plate: RP-8
detected by: UV, ninhydrin, chlorine-tolidine, ammoniummolybdate
Assay 99.7% (Cth 60.57%, Cfd 60.39%)
Purity by TLC Decomposes on TLC plate
Storage Store at 0-8 °C

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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