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Certificate of Analysis

Catalogue Number 05469
Lot Number 000127-1046728
Product **Boc-S-Z-aminoethyl-L-cysteine**

Boc-L-Cys(Z-NHEt)-OH

CAS Number 85003-76-5
Molecular Formula C₁₈H₂₆N₂O₆S

Molecular Weight 398.48

Appearance Clear, colorless oil
Solubility Clear, colorless solution (50mg/mL in Methanol)
TLC System Chloroform/Methanol/Benzene/H₂O (8:8:8:1)
Chloroform/Methanol/Acetic acid/H₂O (90:10:0.5:1)
Chloroform/Methanol/Acetic Acid (98-100%) /H₂O (45:13:1:2)
Plate: Silica gel 60 F₂₅₄
Detected by: UV, ninhydrin, chlorine-tolidine

Related Substances < 0.1% Cys-aminoethyl
Assay by titration 85.3% (TBAH)
D-Enantiomer ≤ 0.5%
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