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Certificate of Analysis

Catalogue Number 06571
Lot Number 000127-1069772
Product **Z- β -alanine N-hydroxysuccinimide ester**

Z- β -Ala-OSu

CAS Number 53733-97-4
Molecular Formula C₁₅H₁₆N₂O₆

Molecular Weight 320.3

Appearance White powder
Solubility Clear colorless solution (50 mg/mL in Dioxane)
Melting Point 85 °C
Elemental Analysis (Theory) C = 56.3%; H = 5.0%; N = 8.8%
Elemental Analysis (Found) C = 56.0%; H = 5.0%; N = 8.6%
TLC System Chloroform/Ethyl acetate/Acetic acid (50:50:2)
Chloroform/Methanol/Acetic acid (90:8:2)
Methanol 60%
Plate: Silicagel 60 F₂₅₄
Detected by: UV, Ammoniummolybdate, Ninhydrin, chlorine-tolidine
Assay 99.5% (Cth 56.25%, Cfd 55.98%, Elemental analysis)
Purity by TLC > 98%
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