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Certificate of Analysis

Catalogue Number 08095
Product **Formyl-L-alanine methyl ester**

Lot Number 000127-1023383
For-L-Ala-OMe

CAS Number 32221-83-3
Molecular Formula C₅H₉NO₃

Molecular Weight 131.13

Appearance Clear, yellow liquid

Solubility Clear, colorless solution (50 mg/mL in methanol)

Elemental Analysis (Theory) C = 45.7%; H = 6.9%; N = 10.7% Cal. x 0.02 H₂O

Elemental Analysis (Found) C = 45.3%; H = 7.1%; N = 16.8% Cal. x 0.02 H₂O

Water Content (Karl Fisher) 0.2%

TLC System Chloroform/Methanol/Acetic Acid/H₂O (70:42:0.5:10)
Chloroform/Methanol/Acetic Acid/H₂O (45:13:1:2)
Benzene/Dioxane/Acetic Acid (95:25:4)
Plate: silicagel 60 F₂₅₄
Detected by: UV, ninhydrin, chlorine-tolidine

Purity by TLC > 98%

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