

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number 11704
Lot Number 000127-1016499
Product **L-Tyrosine Ethyl ester**

L-Tyr-OEt (free base)

CAS Number 949-67-7
Molecular Formula C₁₁H₁₅NO₃

Molecular Weight 209.25

Appearance White powder
Appearance of Solution Clear, colorless solution (50 mg/mL in ethanol)
Melting Point 104 °C
Elemental Analysis (Theory) C = 63.14%; H = 7.23%; N = 6.69%
Elemental Analysis (Found) C = 63.07%; H = 7.21%; N = 6.58%
TLC System Ethylacetate/Pyridine/Acetic Acid/water (60:20:6:11)
Chloroform/Methanol/Benzene/H₂O (8:8:8:1)
Chloroform/Methanol/Acetic Acid (77.5/15/7.5)
plate: silicagel 60 F₂₅₄
detected by: UV, ninhydrin, chlorine-tolidine, Pauly
Optical Rotation [α]_D²⁴ = +18.7° (C=1% in EtOH)
Purity by TLC > 99%
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