



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-295341A
Lot Number: SAMPLE
Product Name: L-Tyrosine Ethyl ester
CAS Number: 949-67-7
Molecular Formula: $C_{11}H_{15}NO_3$
Molecular Weight: 209.24

| Test | Specification | Result |
|--------------------------------------|---------------|---|
| Appearance | | Off-white powder |
| Assay (Titration) | | 99% (HClO4) |
| Purity (TLC) | | > 99% |
| Melting Point | | 104 °C |
| Solubility | | Clear, colorless solution at 50 mg/ml in methanol |
| Optical Rotation ($\alpha_{24/D}$) | | +18.8° (c = 1 in EtOH) |
| Carbon Content | 63.14% | 63.07 ± 0.5% |
| Hydrogen Content | 7.23% | 7.21 ± 0.5% |
| Nitrogen Content | 6.69% | 6.58 ± 0.5% |

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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