



CERTIFICATE OF ANALYSIS

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1. Identification

Catalogue Number: M332685

Product: α-Methyl-D,L-tyrosine (L-isomer enriched)

Structure:



CAS Number: 658-48-0

Synonym: (+/-)-α-Methyl-p-tyrosine;
Racemetirosine; α-Methyltyrosine;

Molecular Formula:

C₁₀H₁₃NO₃

Molecular weight:

195.22

Source of Product:

N/A

Solubility:

3.8 mg/mL in Aqueous Base,
Only Soluble in Aqueous Base

Lot Number: 1-JLO-69-1

Purity: 95%

Shipping Condition: This Product Is Stable To Be Shipped
At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:

Specifications:

Results:

Appearance

White to Off-White Solid

White to Off-White Solid

NMR

Conforms to Structure

Conforms

MS

Conforms to Structure

Conforms

HPLC Purity

Report Result

95.67% (225 nm)

Additional Information:

NA

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By

Reviewed By

C of A Approved By

Test Date

Retest Date

Swathi Reddy

Toni Rantanen

Chanell Chu

11/23/2022

11/21/2026