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Product Specifications

Catalogue Number 05777

Product **DL- α -Methyltryptophan**

α -Me-DL-Trp-OH

CAS Number 153-91-3

Molecular Formula C₁₂H₁₄N₂O₂

Molecular Weight 218.22

Appearance White powder

Solubility Clear colorless solution (50 mg/mL in MeOH 50%)

Elemental Analysis (Theory) C : 64.83%, H : 6.61% and N : 12.50%

Water Content (Karl Fisher) $\leq 0.90\%$

TLC System n-Butanol/Acetic acid/Water 4/2/2
Chloroform/Methanol/Acetic acid 32% 5/3/1
Chloroform/Methanol/Acetic acid/Water 70/42/05/10
Plate : Silicagel 60 F₂₅₄
Detected by : UV, Ninhydrin, Chlorine-Tolidine, FeCl₃

Residual Solvents Methanol : $\leq 2\%$
Ethyl acetate : $\leq 0.1\%$
Ethanol : $\leq 0.1\%$

Assay $\geq 96\%$ (Nth 12.84% Elemental analysis)

Purity by TLC $\geq 99\%$

Storage Store at 0-8°C

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For Laboratory Use Only