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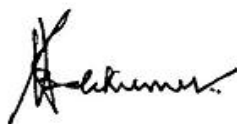
825 Dillon Drive

Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number	05774
Lot Number	000127-1000006000
Product	DL-α-Methylleucine α -Me-DL-Leu-OH (RS)-2-Amino-2,4-dimethylpentanoic acid
CAS Number	144-24-1
Molecular Formula	C ₇ H ₁₅ NO ₂
Molecular Weight	145.21
Appearance	White powder
Solubility	Clear colorless solution (25 mg/mL in 80% Acetic acid)
Elemental Analysis (Found)	C : 57.5%, H : 10.5%, N : 9.7%
Water Content (Karl Fisher)	0.6%
TLC System	Chloroform/Methanol/Acetic acid 32% (5:3:1) n-Butanol/Acetic acid/H ₂ O (4:2:2) Ethylacetate/Pyridine/Acetic acid/H ₂ O (60:30:9:16.5) Plate: silicagel 60 F ₂₅₄ Detected by: UV, ninhydrin, chlorine-tolidine
Assay by titration	100.1% (HClO ₄)
Purity by TLC	> 99%
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