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Product Specifications

Catalogue Number	06344
Product	<i>N-Methyl-DL-valine</i> N-Me-DL-Val-OH
CAS Number	2566-32-7
Molecular Formula	C ₆ H ₁₃ NO ₂
Molecular Weight	131.17
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Appearance	White powder
Solubility	Clear colorless solution (50 mg/mL in Water)
Elemental Analysis (Theory)	C = 54.64%; H = 10.0%; N = 10.62% Calcd. As 0.04% H ₂ O (0.55%)
Elemental Analysis (Found)	C = 54.64 ± 0.5%; H = 10.0 ± 0.5%; N = 10.62 ± 0.5% Calcd. As 0.04% H ₂ O (0.55%)
Water Content (Karl Fisher)	≤ 0.5%
TLC System	n-Butanol/Acetic acid/H ₂ O (4:2:2) Chloroform/Methanol/Acetic Acid 32% (5:3:1) Chloroform/Methanol/Acetic Acid/H ₂ O (60:45:14:6) Plate: silicagel 60 F ₂₅₄ Detected by: UV, ninhydrin, chlorine-tolidine
Purity by TLC	≥ 99%
Storage	Store at 0-8°C

For Laboratory Use Only