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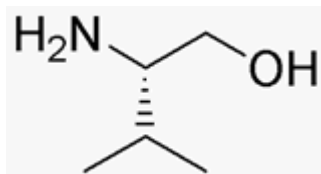
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Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	03236
Product	L-Valinol (S)-2-Amino-3-methyl-1-butanol L-Val-ol
CAS Number	2026-48-4
Molecular Formula	C ₅ H ₁₃ NO
Molecular Weight	103.1
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Appearance	Colorless to light yellow oil or white to light brown solid
Melting Point	30 - 34 °C
Water Content (Karl Fisher)	≤ 0.5%
Optical Rotation	[α] _D ²⁰ = 10 ± 2 ° (C=10 in H ₂ O)
Infrared Spectrum	Conforms to structure
Residual Solvents	Tetrahydrofuran : ≤ 0.4% Methyl tert-butyl ether : ≤ 0.4%
Related Substances	Leucinol : ≤ 0.25% Isoleucinol : ≤ 0.25% Benzyl alcohol : ≤ 0.5% GS-622515 : ≤ 0.5% BHT : ≤ 0.5% Unknown single impurity : ≤ 0.1% Total impurities : ≤ 2%
Chiral HPLC	≥ 99% (ee)
D-Enantiomer	≤ 1%
Purity by GC	≥ 99%
Storage	Store at 0 - 8 °C
Additional Information	Ethanolamine : ≤ 0.1% 2-Amino-1-propanol : ≤ 0.25% 2-Amino-1-butanol : ≤ 0.25%

Product Specifications

Catalog Number: 03236

For Laboratory Use Only