



Specification

L-Valine beta-Naphthylamide

Catalog Number: VN1001
Lot Number: 0814803
CAS Number: 729-24-8
Molecular Formula: C₁₅H₁₈N₂O
Molecular Weight: 242.32
Storage: ≤ 20°C
Retest Period: Three years from the date of manufacture

Test	Specification
Appearance	White powder
Purity (TLC)	≥ 99%
Assay (Elemental Analysis)	99% (Nth 11.56%, Nfd 11.45%)
Appearance of Solution (50mg/ml in Methanol)	Clear, colorless solution
Identification (Elemental Analysis) Carbon (C) Hydrogen (H) Nitrogen (N)	Calculated: 74.4% 7.5% 11.6%
Identification (TLC)	To match standard
Specific Rotation (1% in methanol)	+16.8° to +19.5°
Related Impurities (β-NA, TLC)	≤ 0.1%
Moisture (KF)	≤ 0.2%

Approved:

Date: September 11, 2018

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