

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	02041
Lot Number	001192-200612
Product	L-Norvaline L-Nva-OH
CAS Number	6600-40-4
Molecular Formula	C ₅ H ₁₁ NO ₂
Molecular Weight	117.1

Appearance	White to off-white powder
pH	5.98
Optical Rotation	[α] _D ²⁰ = 24.14 °
Infrared Spectrum	Conforms to structure
Loss on Drying	0.04%
Related Substances	L-Valine : 0.0086% L-Leucine : 0.0074% L-Norleucine : 0.0121% Other amino acid : 0.002% Chiral impurity : Not detected
Residue On Ignition	0.05%
Assay by titration	99.03%
Storage	Store at RT
Additional Information	Transmittance : 99.4% (State of solution)
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