



Bio Basic Inc.

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CERTIFICATE OF ANALYSIS

Product	L-Norvaline
Grade	Reagent
Product Code	N4058
Formula	$C_5H_{11}NO_2$
MW	117.4
CAS#	6600-40-4
Lot No	

Test Items	Specifications	Results
Appearance	White crystals or crystalline powder	
Assay	98.5% - 101.0%	
Specific rotation $[\alpha]_D^{20}$	+23.0° ~ +25.0°	
Chloride (Cl)	≤0.020%	
Sulfate (SO ₄)	≤0.020%	
Heavy metals (as Pb)	≤10ppm	
Loss on drying	≤0.50%	
Residue on ignition	≤0.10%	

Storage: R.T.

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20 Konrad Cres. Markham Ontario L3R 8T4 Canada
Tel: (905) 474 4493, (800) 313 7224 Fax: (905) 474 5794
Email: order@biobasic.com Web: www.biobasic.com