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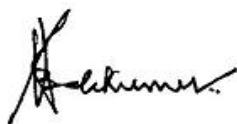
Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number	04449
Product	D-Homoserine
Lot Number	000201-4293 D-HomoSer-OH D-2-Amino-4-hydroxybutyric acid
CAS Number	6027-21-0
Molecular Formula	C ₄ H ₉ NO ₃
Molecular Weight	119.12

Appearance	White crystals
Solubility	Clearly soluble (0.5 mmol in 1 ml H ₂ O)
Melting Point	203-205 °C
Water Content (Karl Fisher)	0.12%
TLC System	Butanol/Acetic acid/Water (4:5:1)
Optical Rotation	[α] _D ²⁰ = +7.2° (C=2 in H ₂ O)
Infrared Spectrum	Conforms to structure
Purity by TLC	> 99%
Storage	Store at 0-8 °C
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