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Certificate of Analysis

Catalogue Number	03016
Product	D-Alanine methyl ester hydrochloride
Lot Number	001497-2018062101 D-Ala-OMe•HCl
CAS Number	14316-06-4
Molecular Formula	C ₄ H ₉ NO ₂ ·HCl
Molecular Weight	139.6

Appearance	White crystalline powder
Solubility	Clear solution (0.3 g in 2mL water)
Melting Point	103.8 - 107.3 °C
Water Content (Karl Fisher)	0.41%
Optical Rotation	[α] _D ²⁰ = -7.5 ° (C=1.6 in MeOH)
Loss on Drying	0.68% (45 °C, 2h)
Purity by HPLC	98.6%
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