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Certificate of Analysis

Catalogue Number	14253
Lot Number	130514-22139
Product	L-2,4-Diaminobutyric acid hydrochloride

L-Dab-OH•HCl

(S)-2,4-Diaminobutyric acid hydrochloride

CAS Number	1482-98-0
Molecular Formula	C ₄ H ₁₀ N ₂ O ₂ •HCl
Molecular Weight	154.64

Appearance	White to off-white powder
Solubility	Clear solution (0.3 gram in 2 ml H ₂ O)
Melting Point	219.5-224.1 °C
Optical Rotation	[α] _D ²⁰ = + 7.45 ° (C=2 in H ₂ O)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to structure
Loss on Drying	0.5% (80 °C for 2 hours)
¹H NMR	Conforms to structure
Purity by TLC	> 98%
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