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## Specification Sheet

Product Name: **L-Alanine ethyl ester hydrochloride**  
Specifications & Purity: **98%**  
SKU #: **A109010**

Parameter	Limit Values
Purity(Titration by AgNO <sub>3</sub> )	97.5-102.5 (%)
Water by Karl Fischer	0-0.5 (%)
Specific Rotation [α] <sub>20</sub> /D(c=2.5 in H <sub>2</sub> O)	2-4 (°)
Substances not precipitated by ammonia	0-1 (%)
Melting point	77-83 (°C)
Appearance (A109010)	white to off-white powder, crystals and/or chunks
Proton NMR spectrum	Conforms to Structure

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