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## Specification Sheet

Product Name: **L-Alanine Benzyl Ester Hydrochloride**  
Specifications & Purity: **≥98%(HPLC)**  
SKU #: **L133915**

### Parameter

Specific Rotation  $[\alpha]_{20}^D(c=1 \text{ in } 1\text{mol/L HCl})$   
Nitrogen by Elemental Analysis  
Melting point  
Carbon by Elemental Analysis  
Purity(Nonaqueous Titration)  
Appearance (L133915)  
Proton NMR spectrum  
Solubility in H<sub>2</sub>O , Colorless ,Clear ,50 mg/mL in H<sub>2</sub>O  
Purity(HPLC area)

### Limit Values

-11--9 (°)  
6.2-6.8 (%)  
136-140 (°C)  
54.3-57.1 (%)  
97.5-102.5 (%)  
White to Off-White Powder or Crystals  
Conforms to Structure  
pass  
98-100 (%)

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Phone: +86 400 620 6333 Email: Sale@aladdin-e.com Web: <https://www.aladdin-e.com>

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