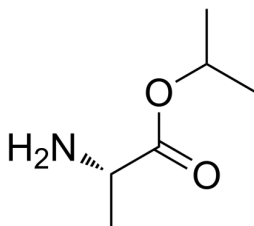


Certificate of Analysis

Compound Information

| | |
|----------------------------|--|
| Product Name: | L-Alanine isopropyl ester hydrochloride |
| Cat. No.: | 1065335 |
| CAS No.: | 62062-65-1 |
| Molecular Formula: | C ₆ H ₁₄ ClNO ₂ |
| Molecular Weight: | 167.63 |
| Chemical Structure: | |



H-Cl

Batch Information

| | |
|---------------------|--|
| Batch No.: | Ld082415909 |
| Storage: | Store at room temperature, keep dry and cool |
| Test Date: | 2020-08-24 |
| Retest Date: | 2023-08-23 |
| Origin: | Shanghai, China |

QC Summary

| | |
|------------------------------------|---|
| Appearance: | White to off-white (Solid) |
| ¹H NMR Spectrum: | Consistent with structure |
| Optical Rotation: | Consistent with structure |
| Purity (NMR): | ≥98.0% |
| Water(KF): | 0.41% |
| Conclusion: | The product has been tested and complies with the given specifications. |

Caution: Research use only and are not intended for human use.

Tel: 400-821-0725

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