

Chem-Impex International, Inc.

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Certificate of Analysis

| | |
|--------------------------|---|
| Catalogue Number | 16798 |
| Product | L-Cyclopropylglycine |
| Lot Number | 000424-201018-99947 |
| | (S)-Amino-cyclopropyl-acetic acid |
| CAS Number | 49606-99-7 |
| Molecular Formula | C ₅ H ₉ NO ₂ |
| Molecular Weight | 115.13 |

| | |
|---------------------------------|---|
| Appearance | White or off-white crystalline powder |
| Optical Rotation | [α] _D ²⁰ = 112.4 ° (C=1 in 1N HCl) |
| Infrared Spectrum | Conforms to structure |
| Analysis by Mass Spectra | Conforms to standard |
| Loss on Drying | 0.05% (105 °C, 2h) |
| Residue On Ignition | 0.06% |
| ¹H NMR | Conforms to structure |
| Chiral HPLC | 99.8% (ee) |
| D-Enantiomer | 0.2% |
| Purity by HPLC | 99.66% |
| 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