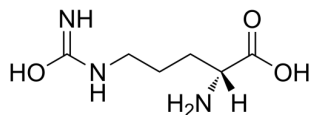


Certificate of Analysis

Compound Information

| | |
|----------------------------|--|
| Product Name: | H-D-Cit-OH |
| Cat. No.: | 1020508 |
| CAS No.: | 13594-51-9 |
| Molecular Formula: | C ₆ H ₁₃ N ₃ O ₃ |
| Molecular Weight: | 175.19 |
| Chemical Structure: | |



Batch Information

| | |
|---------------------|---------------------------|
| Batch No.: | Lg0807291467 |
| Storage: | 2-8°C, protect from light |
| Test Date: | 2023-08-07 |
| Retest Date: | 2026-08-06 |
| Origin: | Shanghai, China |

QC Summary

| | |
|------------------------------------|---|
| Appearance: | White to off-white (Solid) |
| ¹H NMR Spectrum: | Consistent with structure |
| MS: | Consistent with structure |
| Purity (NMR): | ≥98.0% |
| Optical Rotation: | -21.4 (c=1.35 g/100ml, 1N HCL) |
| 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

E-mail: product@leyan.com

Address: No. 1999 Zhangheng Road, Building 3, Zhangjiang High-Tech Park, Shanghai