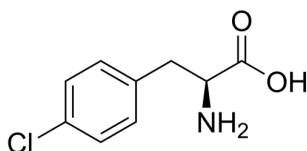


Certificate of Analysis

Compound Information

| | |
|---------------------|--|
| Product Name: | 4-Chloro-L-phenylalanine |
| Cat. No.: | 1021158 |
| CAS No.: | 14173-39-8 |
| Molecular Formula: | C ₉ H ₁₀ ClNO ₂ |
| Molecular Weight: | 199.63 |
| Chemical Structure: | |



Batch Information

| | |
|--------------|---------------------|
| Batch No.: | La1114070 |
| Storage: | Storage temp. 2-8°C |
| Test Date: | 2017-11-14 |
| Retest Date: | 2024-11-13 |
| Origin: | Shanghai, China |

QC Summary

| | |
|------------------------------|---|
| Appearance: | White to off-white (Solid) |
| ¹ H NMR Spectrum: | Consistent with structure |
| Optical Rotation: | Consistent with structure |
| Purity (NMR): | ≥97.0% |
| 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