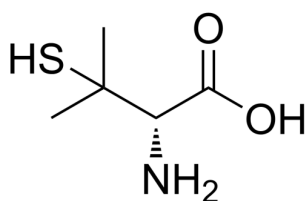


Certificate of Analysis

Compound Information

| | |
|----------------------------|--|
| Product Name: | Penicillamine |
| Cat. No.: | 1034669 |
| CAS No.: | 52-67-5 |
| Molecular Formula: | C ₅ H ₁₁ NO ₂ S |
| Molecular Weight: | 149.21 |
| Chemical Structure: | |



Batch Information

| | |
|---------------------|---------------------|
| Batch No.: | Le1229116052 |
| Storage: | Storage temp. 2-8°C |
| Test Date: | 2021-09-15 |
| Retest Date: | 2024-09-14 |
| 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% |
| 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