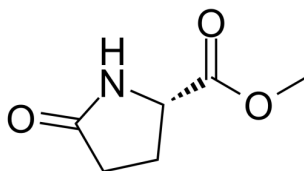


Certificate of Analysis

Compound Information

| | |
|----------------------------|---|
| Product Name: | Methyl L-pyroglutamate |
| Cat. No.: | 1033619 |
| CAS No.: | 4931-66-2 |
| Molecular Formula: | C ₆ H ₉ NO ₃ |
| Molecular Weight: | 143.14 |
| Chemical Structure: | |



Batch Information

| | |
|---------------------|---------------------|
| Batch No.: | Lf1118183251 |
| Storage: | Storage temp. 2-8°C |
| Mfg. Date: | 2022-11-18 |
| Retest Date: | 2025-11-17 |
| Origin: | Shanghai, China |

QC Summary

| | |
|------------------------------------|---|
| Appearance: | Colorless to light yellow (Liquid) |
| ¹H NMR Spectrum: | Consistent with structure |
| Purity (NMR): | ≥97.0% |
| OR(C=1.00g/100ml ETOH): | 12.3° |
| 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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