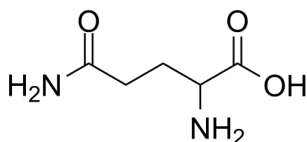


Certificate of Analysis

Compound Information

| | |
|----------------------------|--|
| Product Name: | DL-Glutamine |
| Cat. No.: | 1056155 |
| CAS No.: | 6899-04-3 |
| Molecular Formula: | C ₅ H ₁₀ N ₂ O ₃ |
| Molecular Weight: | 146.14 |
| Chemical Structure: | |



Batch Information

| | |
|---------------------|---------------------|
| Batch No.: | Le051070274 |
| Storage: | Storage temp. 2-8°C |
| Mfg. Date: | 2018-03-21 |
| Retest Date: | 2022-03-20 |
| Origin: | Shanghai, China |

QC Summary

| | |
|------------------------------------|---|
| Appearance: | White to off-white (Solid) |
| ¹H NMR Spectrum: | 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

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