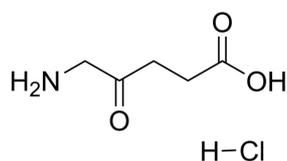


Certificate of Analysis

| | |
|-----------------------|---|
| Product Name: | 5-Aminolevulinic acid (hydrochloride) |
| Cat. No.: | CS-2575 |
| CAS No.: | 5451-09-2 |
| Batch No.: | 99105 |
| Chemical Name: | Pentanoic acid, 5-amino-4-oxo-, hydrochloride (1:1) |

PHYSICAL AND CHEMICAL PROPERTIES

| | |
|----------------------------|--|
| Molecular Formula: | C ₅ H ₁₀ ClNO ₃ |
| Molecular Weight: | 167.59 |
| Storage: | 2-8°C, sealed storage, away from moisture |
| Chemical Structure: | |



ANALYTICAL DATA

| | |
|------------------------------------|---|
| 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: Product has not been fully validated for medical applications. For research use only.

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