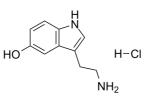


Certificate of Analysis

| Product Name: | Serotonin (hydrochloride) |
|----------------|-------------------------------------------------------|
| Cat. No.: | CS-0013171 |
| CAS No.: | 153-98-0 |
| Batch No.: | 156706 |
| Chemical Name: | 1H-Indol-5-ol, 3-(2-aminoethyl)-, hydrochloride (1:1) |

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: Molecular Weight: Storage: Chemical Structure: C₁₀H₁₃ClN₂O 212.68 2-8°C, sealed storage, away from moisture and light



ANALYTICAL DATA

| Appearance: | Off-white to gray (Solid) |
|------------------------------|-------------------------------------------------------------------------|
| ¹ H NMR Spectrum: | Consistent with structure |
| LCMS: | Consistent with structure |
| Purity (LCMS): | 99.62% |
| 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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