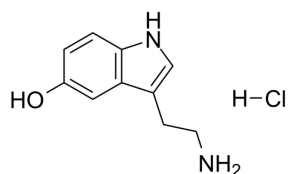


## Certificate of Analysis

**Product Name:** Serotonin (hydrochloride)  
**Cat. No.:** CS-0013171  
**CAS No.:** 153-98-0  
**Batch No.:** 179450  
**Chemical Name:** 1H-Indol-5-ol, 3-(2-aminoethyl)-, hydrochloride (1:1)

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>10</sub>H<sub>13</sub>ClN<sub>2</sub>O  
**Molecular Weight:** 212.68  
**Storage:** 2-8°C, sealed storage, away from moisture and light  
**Chemical Structure:**



### ANALYTICAL DATA

**Appearance:** Off-white to gray (Solid)  
**<sup>1</sup>H NMR Spectrum:** Consistent with structure  
**LCMS:** Consistent with structure  
**Purity (LCMS):** 98.81%  
**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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