



|                   |   |
|-------------------|---|
| Version           | 02  |
| Molecular weight  | 212.68  |
| Molecular Formula | C <sub>10</sub> H <sub>12</sub> N <sub>2</sub> O . H Cl |
| CAS No            | 153-98-0  |
| Linear Formula    |   |
| Flash Point (°C)  |   |

## Certificate of Analysis

Products are processed under ISO 9001:2015 quality management systems and samples are tested for conformance to the noted specifications. Certain data may have been supplied by third parties. We disclaim the implied warranties of merchantability and fitness for a particular purpose, and the accuracy of third party data or information associated with the product. Products are for research and development use only. Products are not for direct administration to humans or animals. It is the responsibility of the final formulator or end user to determine suitability, and to qualify and/or validate each product for its intended use.

|                              |                              |                                    |            |
|------------------------------|------------------------------|------------------------------------|------------|
| <b>Catalog Number</b>        | 21502                        | <b>Quality Test / Release Date</b> | 11/04/2023 |
| <b>Lot Number</b>            | A0440354                     | <b>Suggested retest date</b>       | 11/04/2026 |
| <b>Description</b>           | Serotonin hydrochloride,97+% |                                    |            |
| <b>Country of Origin</b>     | SWITZERLAND                  |                                    |            |
| <b>Declaration of Origin</b> | synthetic                    |                                    |            |

|                 |  |
|-----------------|--|
| <b>BSE/TSE</b>  |  |
| <b>Chemical</b> |  |

| Result name             | Specifications                           | Test Value                               |
|-------------------------|--|--|
| Appearance (Color)      | White to almost white                    | White                                    |
| Appearance (Form)       | Crystalline powder                       | Crystalline powder                       |
| Infrared spectrum       | Conforms                                 | Conforms                                 |
| Titration Argentometric | 97.0 to 103.0 %                          | 97.1 %                                   |
| Loss on drying          | =<3.0 % (115°C, 3 hrs) (vacuum)          | 2.6 % (115°C, 3 hrs) (vacuum)            |
| Appearance of solution  | (1% in methanol) clear to slightly hazy, | (1% in methanol) clear to slightly hazy, |
| Appearance of solution  | colorless to light yellow                | colorless to light yellow                |

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