

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-04-28 16:43:34

Date of Next Testing: 2030-04-27 16:43:34

Product Name: **Serotonin hydrochloride**

CAS Number: 153-98-0

Specifications & Purity: AR,Moligand™

Lot #: D2624398

SKU # **S111161**

Version **1**

**Analysis #:** **691283**

Storage Temperature: Store at -20°C,Argon charged

| Parameter                                                           | Limit Values                                               | Result                                                     |
|---------------------------------------------------------------------|------------------------------------------------------------|------------------------------------------------------------|
| Water by Karl Fischer                                               | 0-5 (%)                                                    | 1.54800 %                                                  |
| Nitrogen by Elemental Analysis                                      | 12.5-13.9 (%)                                              | 12.98500 %                                                 |
| Purity(Titration by AgNO3)                                          | 97.5-102.5 (%)                                             | 101.71000 %                                                |
| Appearance (S111161)                                                | White to Light yellow to Purple to Brown powder to crystal | White to Light yellow to Purple to Brown powder to crystal |
| Proton NMR spectrum                                                 | Conforms to Structure                                      | Conforms to Structure                                      |
| Solubility in H2O , Yellow to beige to Brown,Clear to Hazy,100mg/mL | pass                                                       | Pass                                                       |



John Su  
QA & QC Manager