

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-06-28 14:47:27  
Date of Next Testing: 2029-06-27 14:47:27  
Product Name: **Serotonin hydrochloride**  
CAS Number: 153-98-0  
Specifications & Purity: AR,Moligand™  
Lot #: F2512058  
SKU #: **S111161**  
Version: **1**  
Analysis #: **281730**  
Storage Temperature: Store at -20°C,Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-5 (%)	0.48410 %
Nitrogen by Elemental Analysis	12.5-13.9 (%)	12.95900 %
Purity(Titration by AgNO3)	97.5-102.5 (%)	102.48000 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H2O , Yellow to beige to Brown,Clear to Hazy,100mg/mL	pass	Pass
Appearance (S111161)	White to Light yellow to Purple to Brown powder to crystal	White to Light yellow to Purple to Brown powder to crystal



John Su  
QA & QC Manager