

Certificate of Analysis

Date of Testing: 2022-08-23 11:19:51
Date of Next Testing: 2026-08-22 11:19:51
Product Name: **Serotonin hydrochloride**
CAS Number: 153-98-0
Specifications & Purity: Analytical Reagent
Lot #: H2217678
SKU #: **S111161**
Analysis: **098559**
Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-5 (%)	1.88 %
Nitrogen by Elemental Analysis	12.5-13.9 (%)	12.51 %
Purity(Titration by AgNO3)	97.5-102.5 (%)	102.33 %
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