

Certificate of Analysis

Date of Testing: 2024-12-03 14:57:15
Date of Next Testing: 2028-12-02 14:57:15
Product Name: **Serotonin hydrochloride**
CAS Number: 153-98-0
Specifications & Purity: AR
Lot #: L2403073
SKU #: **S111161**
Version: **1**
Analysis #: **281730**
Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-5 (%)	0.48 %
Nitrogen by Elemental Analysis	12.5-13.9 (%)	12.96 %
Purity(Titration by AgNO ₃)	97.5-102.5 (%)	102.48 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , 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