

Certificate of Analysis

Date of Testing: 2023-08-12 20:01:00
Date of Next Testing: 2027-08-11 20:01:00
Product Name: **1-Hydroxybenzotriazole Monohydrate**
CAS Number: 123333-53-9
Specifications & Purity: $\geq 97.0\%$
Lot #: H2311040
SKU #: **H106176**
Version: **0**
Analysis #: **174336**
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Water by Karl Fischer	11-16 (%)	11.96 %
Melting point	156-161 (°C)	160.45000 °C
Purity(HPLC)	97-100 (%)	99.14100 %
Appearance (H106176)	White to Off-White Solid, Powder, or Crystals	White to Off-White Solid, Powder, or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in DMF , Colorless to Light Brown or Red,Clear,100mg/ml	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager