

Certificate of Analysis

Date of Testing: 2023-11-09 17:05:24

Date of Next Testing: 2027-11-08 17:05:24

Product Name: **1-Hydroxybenzotriazole Monohydrate**

CAS Number: 123333-53-9

Specifications & Purity: $\geq 97.0\%$

Lot #: K2307454

SKU #: **H106176**

Analysis: **289052**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Water by Karl Fischer	11-16 (%)	13.14 %
Melting point	156-161 (°C)	158.98000 °C
Purity(HPLC)	97-100 (%)	99.95000 %
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