

Certificate of Analysis

Date of Testing: 2025-03-15 08:55:46

Date of Next Testing: 2029-03-14 08:55:46

Product Name: **Benzamidine hydrochloride**

CAS Number: 1670-14-0

Specifications & Purity: $\geq 98\%$

Lot #: C2511333

SKU #: **B100967**

Version: **0**

Analysis #: **338530**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Melting point(after drying)	169-173 (°C)	170.90 °C
Purity(Titration by AgNO ₃)(anhydrous basis)	97.5-102.5 (%)	101.62 %
Ammonium chloride	0-2 (%)	1.60 %
Water by Karl Fischer	0-4 (%)	3.20 %
PH(5% in water, 25°C)	4-6.5	5.20
Appearance (B100967)	White to Off White Crystalline Chips or Solid	White to Off White Crystalline Chips or Solid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless to Yellow, Clear to Slightly Hazy(50mg/ml)	pass	Pass



John Su
QA & QC Manager