

Certificate of Analysis

Date of Testing: 2024-12-13 11:33:41

Date of Next Testing: 2028-12-12 11:33:41

Product Name: **Benzamidine hydrochloride**

CAS Number: 1670-14-0

Specifications & Purity: $\geq 98\%$

Lot #: L2409035

SKU #: **B100967**

Version: **0**

Analysis #: **338523**

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

Parameter	Limit Values	Result
Melting point(after drying)	169-173 (°C)	172.40 °C
Purity(Titration by AgNO ₃)(anhydrous basis)	97.5-102.5 (%)	98.00 %
Ammonium chloride	0-2 (%)	1.58 %
Water by Karl Fischer	0-4 (%)	3.50 %
PH(5% in water, 25°C)	4-6.5	5.50
Infrared spectrum	Conforms to Structure	Conforms to Structure
Appearance (B100967)	White to Off White Crystalline Chips or Solid	White to Off White Crystalline Chips or Solid
Solubility in H ₂ O , Colorless to Yellow, Clear to Slightly Hazy(50mg/ml)	pass	Pass



John Su
QA & QC Manager