

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-06-28 09:32:30  
Date of Next Testing: 2028-06-27 09:32:30  
Product Name: **Benzamidinium hydrochloride**  
CAS Number: 1670-14-0  
Specifications & Purity: 98%  
Lot #: F2421126  
SKU #: **B100967**  
Version: **0**  
Analysis #: **338518**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Water by Karl Fischer	0-4 (%)	1.19 %
Melting point(after drying)	169-173 (°C)	170.24 °C
PH(5% in water,25°C)	4-6.5	5.20
Purity(Titration by AgNO <sub>3</sub> )(anhydrous basis)	97.5-102.5 (%)	102.48 %
Ammonium chloride	0-2 (%)	0.50 %
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 <sub>2</sub> O , Colorless to Yellow,Clear to Slightly Hazy(50mg/ml)	pass	Pass



John Su  
QA & QC Manager