

## Certificate of Analysis

Date of Testing: 2023-09-18 17:14:59  
Date of Next Testing: 2027-09-17 17:14:59  
Product Name: **Benzamidine hydrochloride**  
CAS Number: 1670-14-0  
Specifications & Purity: 98%  
Lot #: I2318141  
SKU #: **B100967**  
**Analysis:** **039007**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Ammonium chloride	0-2 (%)	0.65 %
Water by Karl Fischer	0-4 (%)	1.00 %
Purity(Titration by AgNO <sub>3</sub> )(anhydrous basis)	97.5-102.5 (%)	100.53 %
PH(5% in water,25°C)	4-6.5	6.03
Melting point(after drying)	169-173 (°C)	169.01 °C
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
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager