

## Certificate of Analysis

Date of Testing: 2023-03-15 17:27:38  
Date of Next Testing: 2025-03-14 17:27:38  
Product Name: **Amiloride hydrochloride hydrate**  
CAS Number: 2016-88-8  
Specifications & Purity:  $\geq 98\%$   
Lot #: C2304228  
SKU #: **A131615**  
**Analysis: 205466**  
Storage Temperature: Store at  $-20^{\circ}\text{C}$

Parameter	Limit Values	Result
Water by Karl Fischer	8-15 (%)	12.85 %
Purity(HPLC)	98-100 (%)	99.71900 %
Carbon by Elemental Analysis(anhydrous)	26-27.5 (%)	26.40 %
Nitrogen by Elemental Analysis (anhydrous)	35.5-37.3 (%)	35.80 %
Appearance (A131615)	Light Yellow to Yellow and Yellow-Green Powder	Light Yellow to Yellow and Yellow-Green Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , yellow to green,clear,50mg/ml	pass	Pass



John Su  
QA & QC Manager