

Certificate of Analysis

Date of Testing: 2021-11-20 17:02:10
Date of Next Testing: 2023-11-20 17:02:10
Product Name: **Amiloride hydrochloride hydrate**
CAS Number: 2016-88-8
Specifications & Purity: $\geq 98\%$
Lot #: K2108783
SKU #: **A131615**
Analysis: 115503
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Water by Karl Fischer	8-15 (%)	12.59%
Purity(HPLC)	98-100 (%)	99.12000%
Carbon by Elemental Analysis(anhydrous)	26-27.5 (%)	26.50%
Nitrogen by Elemental Analysis (anhydrous)	35.5-37.3 (%)	36.70%
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 ₂ O , yellow to green,clear,50mg/ml	pass	Pass



John Su
QA & QC Manager