

Certificate of Analysis

Date of Testing: 2025-02-11 16:55:45

Date of Next Testing: 2029-02-10 16:55:45

Product Name: **1-(4-Pyridyl)pyridinium chloride hydrochloride**

CAS Number: 5421-92-1

Specifications & Purity: $\geq 98\%$

Lot #: E2112144

SKU #: **P101870**

Version: **0**

Analysis #: **469385**

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

Parameter	Limit Values	Result
Carbon by Elemental Analysis(anhydrous)	50.3-54.49 (%)	51.12 %
Purity(HPLC)	98-100 (%)	98.17300 %
Nitrogen by Elemental Analysis (anhydrous)	11.74-12.71 (%)	11.75 %
Water by Karl Fischer	0-10 (%)	4.10 %
Purity(Nonaqueous Titration)	98-100 (%)	98.96 %
Appearance (P101870)	Yellow to Brown Powder, Crystals and/or Chunks	Yellow to Brown Powder, Crystals and/or Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager