

## Certificate of Analysis

Date of Testing: 2023-04-28 09:48:33  
Date of Next Testing: 2025-04-27 09:48:33  
Product Name: **1-Dodecylpyridinium Chloride**  
CAS Number: 104-74-5  
Specifications & Purity:  $\geq 98.0\%$ (HPLC)  
Lot #: D2318844  
SKU #: **D137966**  
**Analysis:** **190382**  
Storage Temperature: Protected from light

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.72100 %
Water by Karl Fischer	0-10 (%)	6.16 %
Appearance (D137966)	White to Pale Reddish-Yellow Crystal or Powder	White to Pale Reddish-Yellow Crystal or Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager