

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-06-12 13:17:12

Date of Next Testing: 2026-06-11 13:17:12

Product Name: **1-Dodecylpyridinium chloride hydrate**

CAS Number: 207234-02-4

Specifications & Purity: 98%

Lot #: F2301958

SKU #: **D472333**

Analysis: **209890**

| Parameter                                     | Limit Values                                     | Result                                           |
|-----------------------------------------------|--------------------------------------------------|--------------------------------------------------|
| Water by Karl Fischer                         | 5.5-6.5 (%)                                      | 6.30 %                                           |
| Assay(Argentometric Titration)<br>(Dry basis) | 97.5-102.5 (%)                                   | 102.40000 %                                      |
| Appearance(D472333)                           | White to Brown Powder or Powder with<br>Chunk(s) | White to Brown Powder or Powder with<br>Chunk(s) |
| NMR Spectrum 1H                               | Conforms to Structure                            | Conforms to Structure                            |

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager