

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-11-17 11:35:45  
 Date of Next Testing: 2029-11-16 11:35:45  
 Product Name: **Hexadecylpyridinium chloride monohydrate**  
 CAS Number: 6004-24-6  
 Specifications & Purity:  $\geq 99\%$   
 Lot #: K2510061  
 SKU #: **H108697**  
 Version: **0**  
 Analysis #: **215005**  
 Storage Temperature: Room temperature, Desiccated

| Parameter                                                                     | Limit Values              | Result                    |
|-------------------------------------------------------------------------------|---------------------------|---------------------------|
| Melting point                                                                 | 81-86 (°C)                | 83.63000 °C               |
| Purity(Titration)                                                             | 99-102 (%)                | 99.01000 %                |
| Appearance (H108697)                                                          | White to Off-White Powder | White to Off-White Powder |
| Infrared spectrum                                                             | Conforms to Structure     | Conforms to Structure     |
| Solubility in H <sub>2</sub> O , Colorless to Faint Yellow , Clear, 100 mg/mL | pass                      | Pass                      |



John Su  
QA & QC Manager