

# CERTIFICATE OF ANALYSIS

(Certificate No. KMM001024-01)

Release Date: 12/06/2024

Re-test Date: 11/06/2027

## Myristyl Gamma Picolinium Chloride

### Identification

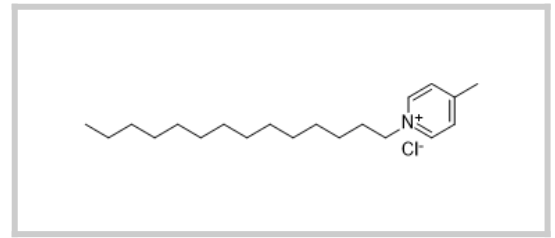
**Chemical Name :**  
4-methyl-1-tetradecylpyridin-1-ium chloride

**CAT No.** : KMM001024

**CAS No.** : 2748-88-1

**Molecular Formula** : C<sub>20</sub>H<sub>36</sub>N : Cl

**Molecular Weight** : 290.51 : 35.5



### Analytical Information

**Batch No.** : MYR-PIC-073-253

**Description** : Brown Hygroscopic Solid

**HPLC Purity** : 99.93 %

**Weight Loss By TGA** : 2.25 %

**% Potency** : 97.68 %

**Solubility** : ACN

**Mass** : Confirm

**IR** : Confirm

**<sup>1</sup>H NMR** : Confirm

### Additional Information

**Long Term Storage** : Store at 2-8 deg. C for long term storage

**Shipping Condition** : Product is stable to be shipped at room temperature

**% Potency** = [100 - 2.25(Weight Loss By TGA)] x [99.93(HPLC Purity)]/100 = 97.68 %

**Recommendation** : Released

|                                   | Department      | Name          | Signature | Date       |
|-----------------------------------|-----------------|---------------|-----------|------------|
| <b>Prepared By</b>                | Analytical      | Jignesh Patel |           | 13/06/2024 |
| <b>Reviewed &amp; Approved By</b> | Quality Control | Jatin Patel   |           | 13/06/2024 |

**Attachments** : COA, HPLC, MASS, <sup>1</sup>H NMR, IR and TGA