

CERTIFICATE OF ANALYSIS

(Certificate No. KMM001024-01)

Release Date: 12/06/2024

Re-test Date: 11/06/2027

Myristyl Gamma Picolinium Chloride

Identification

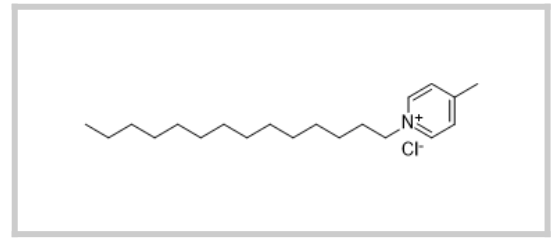
Chemical Name :
4-methyl-1-tetradecylpyridin-1-ium chloride

CAT No. : KMM001024

CAS No. : 2748-88-1

Molecular Formula : C₂₀H₃₆N : 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

¹H 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 |
|-----------------------------------|-----------------|---------------|-----------|------------|
| Prepared By | Analytical | Jignesh Patel | | 13/06/2024 |
| Reviewed & Approved By | Quality Control | Jatin Patel | | 13/06/2024 |

Attachments : COA, HPLC, MASS, ¹H NMR, IR and TGA