## **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:** 

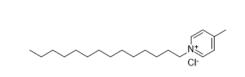
4-methyl-1-tetradecylpyridin-1-ium chloride

**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 **Solubility** : ACN

**Description** : Brown Hygroscopic Solid **Mass** : Confirm

**HPLC Purity** : 99.93 % **IR** : Confirm

Weight Loss By TGA : 2.25 % 1H NMR : Confirm

**% Potency** : 97.68 %

#### **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, 1HNMR, IR and TGA