## **CERTIFICATE OF ANALYSIS**

(Certificate No. KMC011001-01)

**Release Date:** 18/03/2024 **Re-test Date:** 17/03/2027

# **Clidinium Bromide Related Compound A**

#### **Identification**

**Chemical Name:** 

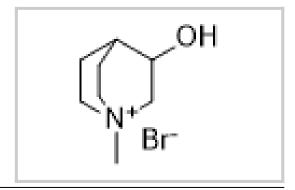
3-hydroxy-1-methylquinuclidin-1-ium bromide

**CAT No.** : KMC011001

**CAS No.** : 2096336-00-2

**Molecular Formula** : C8H16NO : Br

**Molecular Weight** : 142.22 : 79.90



### **Analytical Information**

Batch No. : CLI-RCA-073-124 **Solubility** : Methanol **Description** : White Solid Mass : Confirm **HPLC Purity** : 94.71 % IR : Confirm Weight Loss By TGA : 0.21 % 1H NMR : Confirm

**% Potency** : 94.51 %

#### **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 - 0.21(Weight Loss By TGA)] x [94.71(HPLC Purity)]/100 = 94.51 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		07/05/2025
Reviewed & Approved By	Quality Control	Jatin Patel		07/05/2025

Attachments : COA, Q-NMR, MASS, 1HNMR, IR and TGA