

# CERTIFICATE OF ANALYSIS

(Certificate No. KMC011001-01)

Release Date: 18/03/2024

Re-test Date: 17/03/2027

## Clidinium Bromide Related Compound A

### Identification

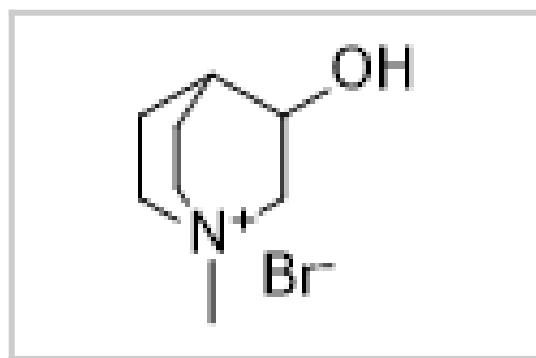
**Chemical Name :**  
3-hydroxy-1-methylquinuclidin-1-ium bromide

**CAT No.** : KMC011001

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

**Molecular Formula** : C<sub>8</sub>H<sub>16</sub>NO : Br

**Molecular Weight** : 142.22 : 79.90



### Analytical Information

**Batch No.** : CLI-RCA-073-124

**Description** : \*White Semi Solid

**HPLC Purity** : 94.71 %

**Weight Loss By TGA** : 0.21 %

**% Potency** : 94.51 %

**Solubility** : Methanol

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

\*Description change on 09.05.2026

**Recommendation** : Released

	Department	Name	Signature	Date
<b>Prepared By</b>	Analytical	Jignesh Patel		09/05/2026
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		09/05/2026

**Attachments** : COA, Q-NMR, MASS, <sup>1</sup>HNMR, IR and TGA