# CERTIFICATE OF ANALYSIS

(Certificate No. KMC011003-01)

**Release Date:** 23/07/2024 **Re-test Date:** 22/07/2027

## 3-Quinuclidinol

## Identification

**Chemical Name** :
quinuclidin-3-ol

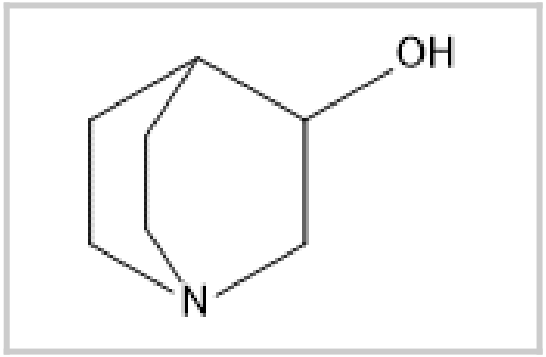
**Alt. Name** : Solifenacin Hydroxyquinuclidine Impurity

**CAT No.** : KMC011003

**CAS No.** : 1619-34-7

**Molecular Formula** : C7H13NO

**Molecular Weight** : 127.18




## Analytical Information

| | | | |
|---|---|---|---|
| **Batch No.** | : 3-QUI-073-304 | **Solubility** | : Chloroform |
| **Description** | : Light Brown Solid | **Mass** | : Confirm |
| **GC Purity** | : 100.00 % | **IR** | : Confirm |
| **Weight Loss By TGA** | : 0.64 % | **1H NMR** | : Confirm |
| **% Potency** | : 99.36 % | **13C 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 - 0.64(Weight Loss By TGA)] x [100.00(GC Purity)]/100 = 99.36 %

**Recommendation** : Released

| | Department | Name | Signature | Date |
|---|---|---|---|---|
| **Prepared By** | Analytical | Jignesh Patel | | 25/07/2024 |
| **Reviewed & Approved By** | Quality Control | Jatin Patel | | 25/07/2024 |

**Attachments** : COA, GC, MASS, 1HNMR, 13CNMR, IR and TGA