# CERTIFICATE OF ANALYSIS

(Certificate No. KML005027-01)

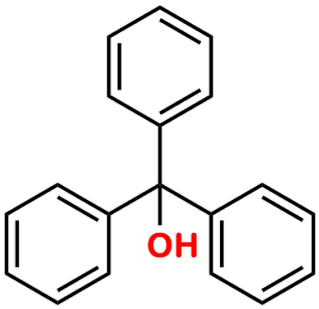
**Release Date:** 08/04/2026 **Re-test Date:** 07/04/2029

## Trityl Alcohol Saxagliptin

## Identification

**Chemical Name** :
Triphenylmethanol (as per EP)

| | |
|---|---|
| **Alt. Name** | : Losartan Trityl Alcohol Impurity ; Triphenylmethanol ; Candesartan Trityl Alcohol Impurity ; Irbesartan Triphenylmethanol Impurity |
| **CAT No.** | : KML005027 |
| **CAS No.** | : 76-84-6 |
| **Molecular Formula** | : C19H16O |
| **Molecular Weight** | : 260.3 |




## Analytical Information

| | | | |
|---|---|---|---|
| **Batch No.** | : TRI-OH-030-388 | **Solubility** | : Acetonitrile |
| **Description** | : Off White Solid | **Mass** | : Confirm |
| **HPLC Purity** | : 98.98 % | **IR** | : Confirm |
| **Weight Loss By TGA** | : 0.52 % | **1H NMR** | : Confirm |
| **% Potency** | : 98.47 % | | |

## 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 - 0.52(Weight Loss By TGA)] x [98.98(HPLC Purity)]/100 = 98.47 %
-Re-tested on 08.04.2026

**Recommendation** : Released

| | Department | Name | Signature | Date |
|---|---|---|---|---|
| **Prepared By** | Analytical | Jignesh Patel | | 10/04/2026 |
| **Reviewed & Approved By** | Quality Control | Parag Vekariya | | 10/04/2026 |

**Attachments** : COA, HPLC, MASS, 1HNMR, IR and TGA