

CERTIFICATE OF ANALYSIS

(Certificate No. KMC016004-01)

Release Date: 01/06/2024

Re-test Date: 31/05/2027

Trityl Chloride

Identification

Chemical Name :
(chloromethanetriyl)tribenzene

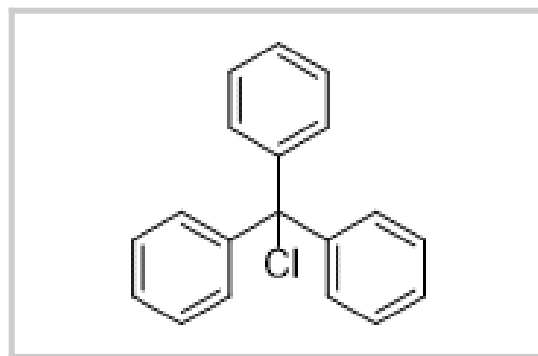
Alt. Name : Triphenylmethyl Chloride

CAT No. : KMC016004

CAS No. : 76-83-5

Molecular Formula : C₁₉H₁₅Cl

Molecular Weight : 278.78



Analytical Information

Batch No. : TRI-CL-073-239

Description : Off White Solid

HPLC Purity : 96.60 %

Weight Loss By TGA : 2.17 %

% Potency : 94.5 %

Solubility : Methanol

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

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 - 2.17(Weight Loss By TGA)] x [96.60(HPLC Purity)]/100 = 94.5 %

Recommendation : Released

| | Department | Name | Signature | Date |
|------------------------|-----------------|---------------|-----------|------------|
| Prepared By | Analytical | Jignesh Patel | | 01/06/2024 |
| Reviewed & Approved By | Quality Control | Parag Patel | | 01/06/2024 |

Attachments : COA, HPLC, MASS, ¹HNMR, ¹³CNMR, IR