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

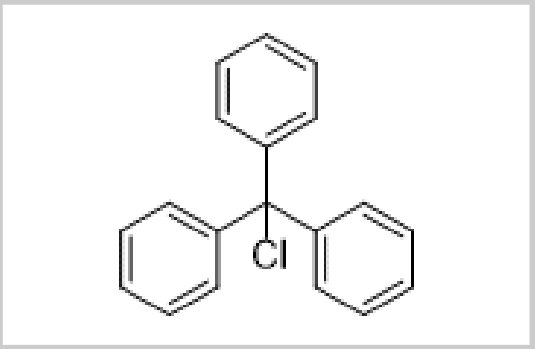
Alt. Name : Triphenylmethyl Chloride

CAT No. : KMC016004

CAS No. : 76-83-5

Molecular Formula : C19H15Cl

Molecular Weight : 278.78



Analytical Information

Batch No.	: TRI-CL-073-239	**Solubility**	: Methanol
Description	: Off White Solid	**Mass**	: Confirm
HPLC Purity	: 96.60 %	**IR**	: Confirm
Weight Loss By TGA	: 2.17 %	**1H NMR**	: Confirm
% Potency	: 94.5 %	**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