CERTIFICATE OF ANALYSIS

(Certificate No. KMC007019-01)

Release Date: 01/11/2025 **Re-test Date:** 31/10/2028

alpha-D-ribofuranose-5-deoxy-1,2,3-triacetate

Identification

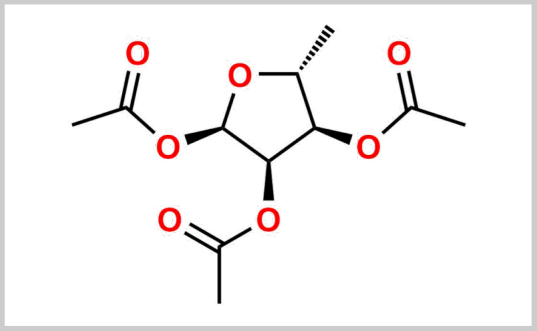
Chemical Name :
(2R,3R,4R,5R)-5-methyltetrahydrofuran-2,3,4-triyl triacetate

CAT No. : KMC007019

CAS No. : 76497-54-6

Molecular Formula : C11H16O7

Molecular Weight : 260.2



Analytical Information

Batch No.	: C007019-102-361	**Solubility**	: Acetonitrile
Description	: Colorless liquid	**Mass**	: Confirm
HPLC Purity	: 95.12 %	**IR**	: Confirm
Weight Loss By TGA	: 0.55 %	**1H NMR**	: Confirm
% Potency	: 94.6 %		

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 - 0.55(Weight Loss By TGA)] x [95.12(HPLC Purity)]/100 = 94.6 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		01/11/2025
Reviewed & Approved By	Quality Control	Jatin Patel		01/11/2025

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