CERTIFICATE OF ANALYSIS

(Certificate No. KMS015006-01)

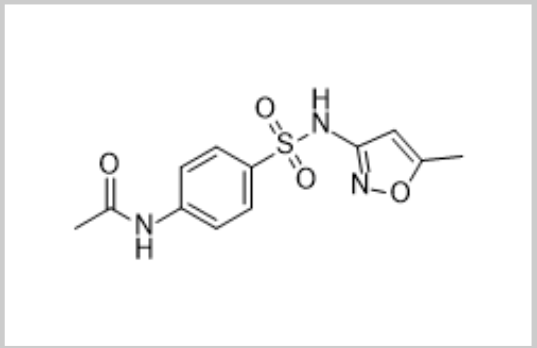
Release Date: 29/08/2024 **Re-test Date:** 28/08/2027

Sulfamethoxazole Related Compound A

Identification

Chemical Name :
N-[4-[(5-Methylisoxazol-3-yl)sulfamoyl]phenyl]acetamide (as per EP) ; N-{4-[N-(5-methylisoxazol-3-yl)sulfamoyl]phenyl}acetamide (as per USP)

Alt. Name	: Sulfamethoxazole USP Related Compound A ; N-Acetyl Sulfamethoxazole
CAT No.	: KMS015006
CAS No.	: 21312-10-7
Molecular Formula	: C12H13N3O4S
Molecular Weight	: 295.3



Analytical Information

Batch No.	: SULP-RC-A-019-247	**Solubility**	: Methanol
Description	: Off White Solid	**Mass**	: Confirm
HPLC Purity	: 95.67 %	**IR**	: Confirm
Weight Loss By TGA	: 0.57 %	**1H NMR**	: Confirm
% Potency	: 95.12 %		

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 - 0.57(Weight Loss By TGA)] x [95.67(HPLC Purity)]/100 = 95.12 %
-Re-tested on 29.08.2024

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		30/08/2024
Reviewed & Approved By	Quality Control	Jatin Patel		30/08/2024

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