CERTIFICATE OF ANALYSIS

(Certificate No. KMM080005-01)

Release Date: 02/10/2024 **Re-test Date:** 01/10/2027

Mesna Related Compound A

Identification

Chemical Name :
sodium 2-(acetylthio)ethanesulfonate

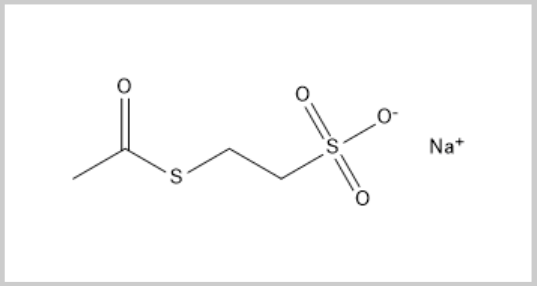
Alt. Name : Mesna USP Related Compound A

CAT No. : KMM080005

CAS No. : 76274-71-0

Molecular Formula : C4H7NaO4S2

Molecular Weight : 206.22



Analytical Information

Batch No.	: M080005-073-367	**Solubility**	: Water
Description	: Off White Solid	**Mass**	: Confirm
HPLC Purity	: 98.24 %	**IR**	: Confirm
Weight Loss By TGA	: 0.79 %	**1H NMR**	: Confirm
% Potency	: 97.46 %		

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 - 0.79(Weight Loss By TGA)] x [98.24(HPLC Purity)]/100 = 97.46 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		24/10/2024
Reviewed & Approved By	Quality Control	Jatin Patel		24/10/2024

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