

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

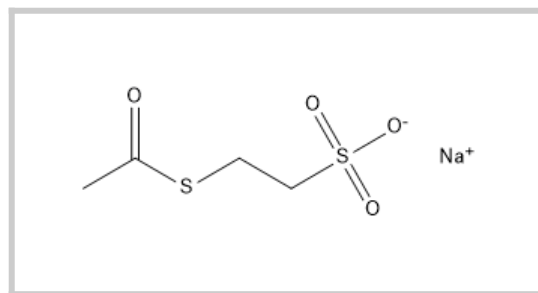
Alt. Name : Mesna USP Related Compound A

CAT No. : KMM080005

CAS No. : 76274-71-0

Molecular Formula : C₄H₇NaO₄S₂

Molecular Weight : 206.22



Analytical Information

Batch No. : M080005-073-367

Description : Off White Solid

HPLC Purity : 98.24 %

Weight Loss By TGA : 0.79 %

% Potency : 97.46 %

Solubility : Water

Mass : Confirm

IR : Confirm

¹H 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 - 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