

# **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

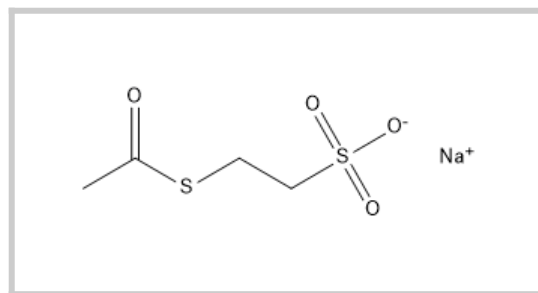
**Alt. Name** : Mesna USP Related Compound A

**CAT No.** : KMM080005

**CAS No.** : 76274-71-0

**Molecular Formula** : C<sub>4</sub>H<sub>7</sub>NaO<sub>4</sub>S<sub>2</sub>

**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 %

**<sup>1</sup>H 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, <sup>1</sup>HNMR, IR and TGA