

# CERTIFICATE OF ANALYSIS

(Certificate No. KMM080006-01)

Release Date: 04/10/2024

Re-test Date: 03/10/2027

## Mesna Related Compound B

### Identification

**Chemical Name :**

sodium 2,2'-disulfanediyldiethanesulfonate

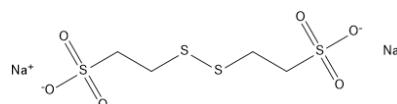
**Alt. Name** : Mesna USP Related Compound B

**CAT No.** : KMM080006

**CAS No.** : 16208-51-8

**Molecular Formula** : C<sub>4</sub>H<sub>8</sub>Na<sub>2</sub>O<sub>6</sub>S<sub>4</sub>

**Molecular Weight** : 326.34



### Analytical Information

**Batch No.** : M080006-073-397

**Description** : White Solid

**HPLC Purity** : 99.36 %

**Weight Loss By TGA** : 3.32 %

**% Potency** : 96.06 %

**Solubility** : Water

**Mass** : Confirm

**IR** : Confirm

**<sup>1</sup>H 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 - 3.32(Weight Loss By TGA)] x [99.36(HPLC Purity)]/100 = 96.06 %

**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