

# CERTIFICATE OF ANALYSIS

(Certificate No. KMM001020-01)

Release Date: 15/05/2024

Re-test Date: 14/05/2027

## 2-(Methylthio)ethanamine Hydrochloride

### Identification

**Chemical Name :**  
2-(methylthio)ethanamine hydrochloride

**CAT No. :** KMM001020

**CAS No. :** 6950-53-4

**Molecular Formula :** C<sub>3</sub>H<sub>9</sub>NS : HCl

**Molecular Weight :** 91.18 : 36.5



### Analytical Information

**Batch No. :** 2-MET-ETH-073-214

**Description :** Colorless Hygroscopic Solid

**HPLC Purity :** 97.78 %

**Weight Loss By TGA :** 2.66 %

**% Potency :** 95.18 %

**Solubility :** ACN : Water (1:1)

**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 - 2.66(Weight Loss By TGA)] x [97.78(HPLC Purity)]/100 = 95.18 %

**Recommendation :** Released

	Department	Name	Signature	Date
<b>Prepared By</b>	Analytical	Jignesh Patel		15/05/2024
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		15/05/2024

**Attachments :** COA, Q-NMR, MASS, <sup>1</sup>H NMR, IR and TGA