

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 : C₃H₉NS : HCl

Molecular Weight : 91.18 : 36.5



Analytical Information

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

Solubility : ACN : Water (1:1)

Description : Colorless Hygroscopic Solid

Mass : Confirm

HPLC Purity : 97.78 %

IR : Confirm

Weight Loss By TGA : 2.66 %

¹H NMR : Confirm

% Potency : 95.18 %

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 = $[100 - 2.66(\text{Weight Loss By TGA})] \times [97.78(\text{HPLC Purity})]/100 = 95.18 \%$

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		15/05/2024
Reviewed & Approved By	Quality Control	Jatin Patel		15/05/2024

Attachments : COA, Q-NMR, MASS, ¹H NMR, IR and TGA