

CERTIFICATE OF ANALYSIS

(Certificate No. KME002040-01)

Release Date: 31/03/2026

Re-test Date: 30/03/2029

EPINEPHRINE THIOSULPHATE IMPURITY

Identification

Chemical Name :

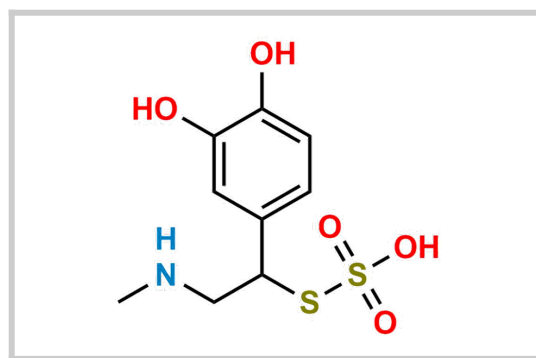
S-(1-(3,4-Dihydroxyphenyl)-2-(methylamino)ethyl) O-hydrogen sulfurothioate

CAT No. : KME002040

CAS No. : 859066-02-7

Molecular Formula : C₉H₁₃NO₅S₂

Molecular Weight : 279.3



Analytical Information

Batch No. : E002040-114-217

Description : White solid

HPLC Purity : 98.70 %

Weight Loss By TGA : 2.89 %

% Potency : 95.85 %

Solubility : Water

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

¹³C 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 - 2.89(Weight Loss By TGA)] x [98.70(HPLC Purity)]/100 = 95.85 %

Solubility: 1 mg impurity to be dissolved in 1 mL water (inject freshly prepared sample)

Instruction for sample preparation: Shake well; do not sonicate

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		31/03/2026
Reviewed & Approved By	Quality Control	Jatin Patel		31/03/2026

Attachments : COA, HPLC, MASS, 1HNMR, 13CNMR, IR and TGA