

CERTIFICATE OF ANALYSIS

(Certificate No. KME002045-01)

Release Date: 20/04/2026

Re-test Date: 19/04/2029

Hydroxy Epinephrine Sulphate Impurity

Identification

Chemical Name :

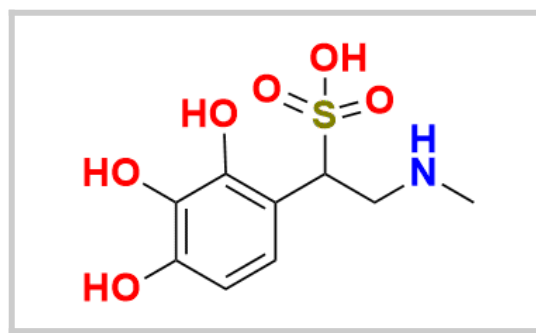
2-(methylamino)-1-(2,3,4-trihydroxyphenyl)ethanesulfonic acid

CAT No. : KME002045

CAS No. : Not Available

Molecular Formula : C9H13NO6S

Molecular Weight : 263.27



Analytical Information

Batch No. : KMPS-130-EPI-058

Description : Light Brown Solid

HPLC Purity : 98.67 %

Weight Loss By TGA : 1.47 %

% Potency : 97.22 %

Solubility : Water

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

¹³C NMR : Confirm

D2O Exchange : 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 = $[100 - 1.47(\text{Weight Loss By TGA})] \times [98.67(\text{HPLC Purity})]/100 = 97.22 \%$

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		20/04/2026
Reviewed & Approved By	Quality Control	Jatin Patel		20/04/2026

Attachments : COA, HPLC, MASS, ¹HNMR, ¹³CNMR, D2O Exchange, IR and TGA