

CERTIFICATE OF ANALYSIS

(Certificate No. KML023001-01)

Release Date: 11/03/2024

Re-test Date: 10/03/2027

N-Nitroso-leucovorin-2

Identification

Chemical Name :

(2S)-2-(4-(((2-amino-5-formyl-4-oxo-1,4,5,6,7,8-hexahydropteridin-6-yl)methyl)(nitroso)amino)benzamido)pentanedioic acid (Mixture of E/Z Isomer)

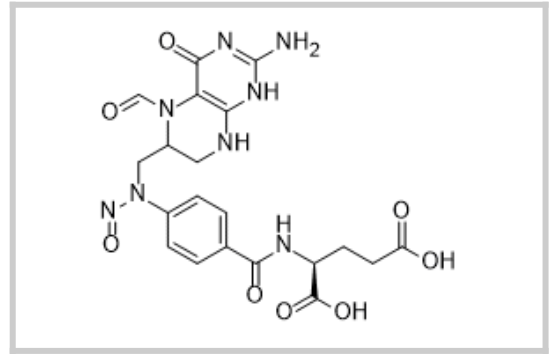
Alt. Name : Folinic acid Nitroso Impurity-2

CAT No. : KML023001

CAS No. : Not Available

Molecular Formula : C₂₀H₂₂N₈O₈

Molecular Weight : 502.44



Analytical Information

Batch No. : LEU-N-NO-073-111

Description : Yellow Solid

HPLC Purity : 96.84 %

Weight Loss By TGA : 0.58 %

% Potency : 96.28 %

Solubility : Water

Mass : Confirm

IR : Confirm

¹H 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 - 0.58(Weight Loss By TGA)] x [96.84(HPLC Purity)]/100 = 96.28 %

-Mixture of Isomers

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		11/03/2024
Reviewed & Approved By	Quality Control	Jatin Patel		11/03/2024

Attachments : COA, HPLC, MASS, ¹H NMR, IR and TGA