CERTIFICATE OF ANALYSIS

(Certificate No. KMM018001-01)

Release Date: 03/04/2024 **Re-test Date:** 02/04/2027

N-Nitroso Methotrexate EP Impurity-B

Identification

Chemical Name :
(S)-2-(4-(((2,4-diaminopteridin-6-yl)methyl)(nitroso)amino)benzamido)pentanedioic acid

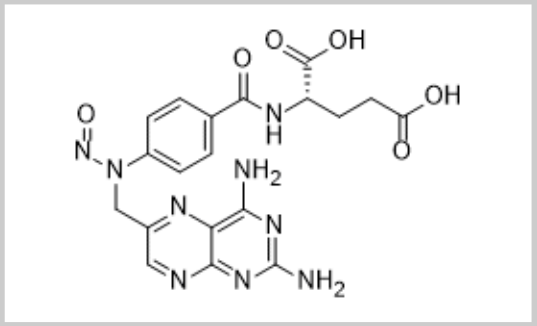
Alt. Name : N-Nitroso Aminopterin

CAT No. : KMM018001

CAS No. : Not Available

Molecular Formula : C19H19N9O6

Molecular Weight : 469.41



Analytical Information

Batch No.	: MET-EPB-NO-073-155	**Solubility**	: DMSO
Description	: Light Brown Solid	**Mass**	: Confirm
HPLC Purity	: 94.88 %	**IR**	: Confirm
Weight Loss By TGA	: 1.35 %	**1H NMR**	: Confirm
% Potency	: 93.6 %		

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 - 1.35(Weight Loss By TGA)] x [94.88(HPLC Purity)]/100 = 93.6 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		03/04/2024
Reviewed & Approved By	Quality Control	Jatin Patel		03/04/2024

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