

Analysis Date: 22-11-2023

Re-test Date: 22-11-2026

METHOTREXATE EP IMPURITY H

Identification

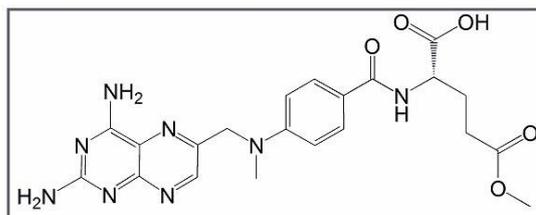
Chemical Name : (2S)-2-[[4-[[[(2,4-Diaminopteridin-6-yl)methyl]methylamino]benzoyl]amino]-5-methoxy-5-oxopentanoic acid

CAT No : ALL-MET-393

CAS No : 67022-39-3

Molecular Formula : C₂₁H₂₄N₈O₅

Molecular Weight : 468.47



Analytical Information

Batch N	: ALL-MET-393	HPLC Purity	: 98.00 %
Solubility	: USP Diluent / EP Diluent (MEOH)	Potency	: 96.42 %
Appearance of Product	: OFF WHITE SOLID	Mass	: Confirm
Long Term Storage	: 2-8 0C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.650 %	1HNMR	: Confirm
Residue Of Ignition	: 0.955 %	13C NMR	: Confirm

Additional Information

%Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
 [100 - (0.650+0.955) × 98.00]/100 = 96.42 %

Recommendation : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Vipul Khadse Jr. Executive	
Approved By	QA&QC	Dr. Ashish Keche Director QA&QC	

Attachment : HPLC, Mass, 1H NMR, IR, TGA, 13C NMR

Shipping Condition : All Product are stable to be shipped at room temperature, unless otherwise specified

Corporate Office