

Analysis Date: 05-01-2026

Re-test Date: 05-01-2029

METHOTREXATE 7-HYDROXY METABOLITE

Identification

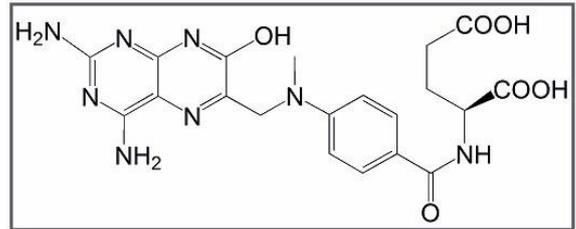
Chemical Name : 4-Amino-7-hydroxy-10-methylpteroylglutamic acid

CAT No : ALL-MET-377

CAS No : 5939-37-7

Molecular Formula : C₂₀H₂₂N₈O₆

Molecular Weight : 470.44



Analytical Information

Batch No.	: ALL-MET-377	HPLC Purity	: 98.00 %
Solubility	: USP Diluent / EP Diluent (MEOH)	Potency	: 96.84 %
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: -20°C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.401 %	¹H NMR	: Confirm
Residue Of Ignition	: 0.774 %		

Additional Information

% Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
 [100 - (0.401+0.774) × 98.00]/100 = 96.84 %

Recommendation : Released

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

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

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

Corporate Office