

Analysis Date: 28-01-2026

Re-test Date: 28-01-2029

METHOTREXATE EP IMPURITY L

Identification

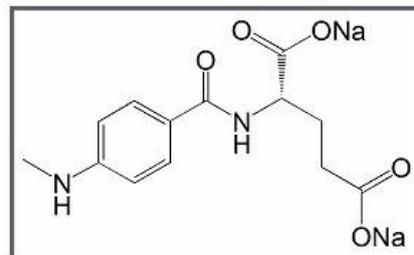
Chemical Name : (2S)-2-[[4-(Methylamino)benzoyl]amino]pentanedioic acid disodium salt

CAT No : ALL-MET-684

CAS No : 52980-68-4 (diacid)

Molecular Formula : C₁₃H₁₆N₂O₅ (diacid);
C₁₃H₁₄N₂Na₂O₅ (disodium salt)

Molecular Weight : 280.28; 324.24



Analytical Information

Batch No.	: ALL-MET-684	HPLC Purity	: 98.00 %
Solubility	: MeOH: ACN	Potency	: 96.84 %
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: 2-8 0C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.642 %	¹H NMR	: Confirm
Residue Of Ignition	: 0.539 %		

Additional Information

%Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
[100 - (0.642 + 0.539) × 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