

Analysis Date: 05-01-2026

Re-test Date: 05-01-2029

OXYTETRACYCLINE EP IMPURITY B

Identification

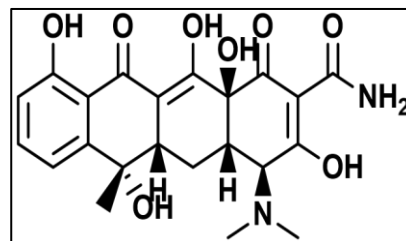
Chemical Name : (4S,4aS,5aS,6S,12aS)-4-(Dimethylamino)-3,6,10,12,12a-pentahydroxy-6-methyl-1,11-dioxo-1,4,4a,5,5a,6,11,12a-octahydrotetracene-2-carboxamide

CAT No : ALL-OXYT-3

CAS No : 60-54-8

Molecular Formula : C₂₂H₂₄N₂O₈

Molecular Weight : 444.43



Analytical Information

Batch No	: ALL-OXYT-3	HPLC Purity	: 98.00 %
Solubility	: USP Diluent / EP Diluent (MEOH)	Potency	: 97.20 %
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: -20°C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.635 %	¹H NMR	: Confirm
Residue Of Ignition	: 0.175 %		

Additional Information

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

$$[100 - (0.635 + 0.175) \times 98.00] / 100 = 97.20 \%$$

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

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

Corporate Office