

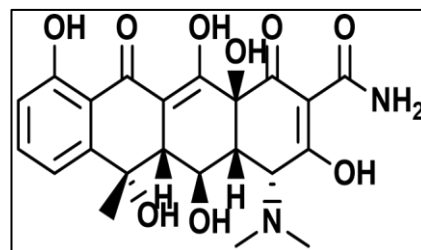
Analysis Date: 02-01-2026

Re-test Date: 02-01-2029

OXYTETRACYCLINE EP IMPURITY A
Identification
Chemical Name : (4R,4aR,5S,5aR,6S,12aS)-4-(Dimethylamino)-3,5,6,10,12,12a-hexahydroxy-6-methyl- 1,11-dioxo-1,4,4a,5,5a,6,11,12a-octahydrotetracene-2-carboxamide

CAT No : ALL-OXYT-2

CAS No : 14206-58-7

Molecular Formula : C₂₂H₂₄N₂O₉
Molecular Weight : 460.43

Analytical Information

Batch No.	: ALL-OXYT-2	HPLC Purity	: 98.00 %
Solubility	: USP Diluent / EP Diluent (MEOH)	Potency	: 97.03 %
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: -20°C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.714 %	¹HNMR	: Confirm
Residue Of Ignition	: 0.271 %		

Additional Information

%Potency = [100 -(Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
 [100 – (0.714 + 0.271) × 98.00]/100= 97.03 %

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