

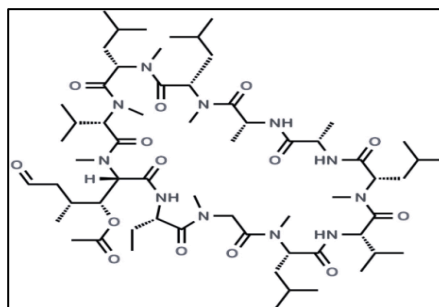
Analysis Date: 22-07-2025

Re-test Date: 22-07-2028

CYCLOSPORIN IMPURITY A

Identification

Chemical Name	: (1R,2R)-1-((2S,5S,11S,14S,17S,20S,23R,26S,29S,32S)-5-ethyl-11,17,26,29-tetraisobutyl-14,32-diisopropyl-1,7,10,16,20,23,25,28,31-nonamethyl-3,6,9,12,15,18,21,24,27,30,33-undeca-oxo-1,4,7,10,13,16,19,22,25,28,31-undecaazacyclotritriacontan-2-yl)-2-methyl-4-oxobutyl acetate
CAT No	: ALL-C08984
CAS No	: 121584-52-9
Molecular Formula	: C ₆₂ H ₁₀₉ N ₁₁ O ₁₄
Molecular Weight	: 1232.6



Analytical Information

Batch No.	: ALL-C08984	HPLC Purity	: 98.00%
Solubility	: USP Diluent / EP Diluent (MEOH)	Potency	: 97.34%
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: -20°C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.211 %	¹HNMR	: Confirm
Residue Of Ignition	: 0.453%		

Additional Information

$$\%Potency = [100 - (\text{Weight Loss By TGA \%} + \text{Residue Of Ignition \%}) \times \text{Chromatographic Purity\%}] / 100 =$$

$$[100 - (0.211 + 0.453) \times 98.00] / 100 = 97.34\%$$

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