

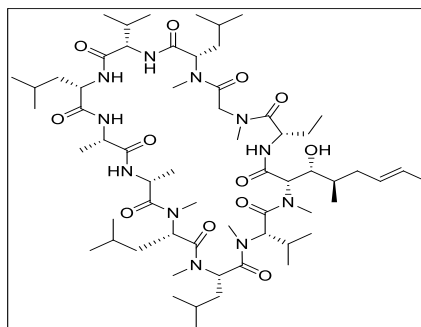
Analysis Date: 28-05-2025

Re-test Date: 28-05-2028

CYCLOSPORINE EP IMPURITY D

Identification

Chemical Name	: (3S,6S,9S,12R,15S,18S,21S,24S,30S,33S)-30-ethyl-33-[(E,1R,2R)-1-hydroxy-2-methylhex-4-enyl]-1,4,7,10,12,15, 25,28-octamethyl-6,9,18,24-tetrakis(2-methylpropyl)-3,21-di(propan-2-yl)-1,4,7,10,13,16, 19,22,25,28,31-undecacyclotritriacontane-2,5,8,11, 14, 17,20, 23,26,29,32-undecone
CAT No	: ALL-C08292
CAS No	: 108027-45-8
Molecular Formula	: C ₆₁ H ₁₀₉ N ₁₁ O ₁₂
Molecular Weight	: 1188.6



Analytical Information

Batch No.	: ALL-C08292	HPLC Purity	: 95.41 %
Solubility	: USP Diluent / EP Diluent (MEOH)	Potency	: 94.65 %
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: -20 °C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.353 %	¹HNMR	: Confirm
Residue Of Ignition	: 0.437%		

Additional Information

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

$$[100 - (0.353 + 0.437) \times 95.41] / 100 = 94.65 \%$$

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, UV Report

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

Corporate Office