

Analysis Date: 14-07-2025

Re-test Date: 14-07-2028

DESMOPRESSIN EP IMPURITY D

Identification

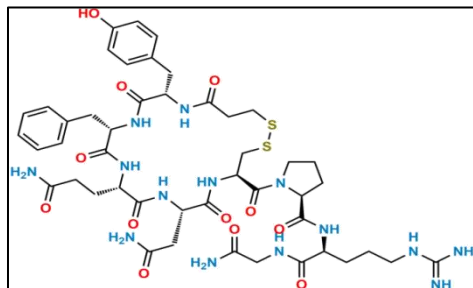
Chemical Name : [8-L-Arginine]desmopressin (as per EP)

CAT No : ALL-D08928

CAS No : 113-81-5

Molecular Formula : C₄₆H₆₄N₁₄O₁₂S₂

Molecular Weight : 1069.2



Analytical Information

Batch Code	: ALL-D08928	HPLC Purity	: 98.00%
Solubility	: USP Diluent / EP Diluent (MEOH)	Potency	: 97.49%
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: -20 ⁰ C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.301%	¹ HNMR	: Confirm
Residue Of Ignition	: 0.214%		

Additional Information

$$\%Potency = [100 - (\text{Weight Loss By TGA } \% + \text{Residue Of Ignition } \%) \times \text{Chromatographic Purity}\%]/100 = [100 - (0.321+0.410) \times 98.00]/100 = 97.49\%$$

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