

Analysis Date: 14-07-2025

Re-test Date: 14-07-2028

## DESMOPRESSIN EP IMPURITY C

### Identification

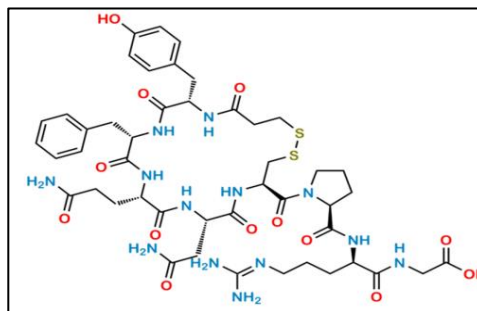
Chemical Name : [9-glycine]desmopressin (as per EP)

CAT No : ALL-D08927

CAS No : N.A.

Molecular Formula : C<sub>46</sub>H<sub>63</sub>N<sub>13</sub>O<sub>13</sub>S<sub>2</sub>

Molecular Weight : 1070.2



### Analytical Information

Batch Code	: ALL-D08927	HPLC Purity	: 98.00%
Solubility	: USP Diluent / EP Diluent (MEOH)	Potency	: 97.28%
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: -20 <sup>0</sup> C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.321%	<sup>1</sup> HNMR	: Confirm
Residue Of Ignition	: 0.410%		

### Additional Information

$$\%Potency = [100 - (\text{Weight Loss By TGA } \% + \text{Residue Of Ignition } \%) \times \text{Chromatographic Purity}\%]/100 = [100 - (0.321+0.410) \times 98.00]/100 = 97.28\%$$

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