

Analysis Date: 14-07-2025

Re-test Date: 14-07-2028

## DESMOPRESSIN EP IMPURITY G

### Identification

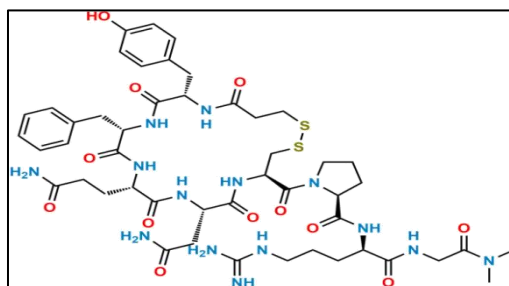
**Chemical Name** : N1.9,N1.9-Dimethyldesmopressin (as per EP)

**CAT No** : ALL-D08929

**CAS No** : N.A.

**Molecular Formula** : C48H68N14O12S2

**Molecular Weight** : 1097.3



### Analytical Information

|                              |                                   |                    |           |
|------------------------------|-----------------------------------|--------------------|-----------|
| <b>Batch Code</b>            | : ALL-D08929                      | <b>HPLC Purity</b> | : 98.00%  |
| <b>Solubility</b>            | : USP Diluent / EP Diluent (MEOH) | <b>Potency</b>     | : 95.51%  |
| <b>Appearance of Product</b> | : Off White Solid                 | <b>Mass</b>        | : Confirm |
| <b>Long Term Storage</b>     | : -20 <sup>0</sup> C              | <b>IR Analysis</b> | : Confirm |
| <b>Weight Loss By TGA</b>    | : 1.224%                          | <b>1HNMR</b>       | : Confirm |
| <b>Residue Of Ignition</b>   | : 1.310%                          |                    |           |

### Additional Information

$$\%Potency = [100 - (\text{Weight Loss By TGA } \% + \text{Residue Of Ignition } \%) \times \text{Chromatographic Purity}\%]/100 = [100 - (1.224+1.310) \times 98.00]/100 = 95.51\%$$

**Recommendation** : Released

|                          | Department | Name                               | Signature |
|--------------------------|------------|------------------------------------|-----------|
| Prepared and Reviewed by | Analytical | Mr. Vipul Khadase<br>Jr. Executive |           |
| Approved By              | QA&QC      | Dr. Ashish Keche<br>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