

**Analysis Date:** 14-07-2025

**Re-test Date:** 14-07-2028

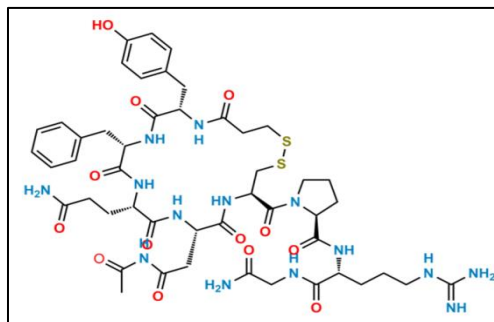
## DESMOPRESSIN EP IMPURITY F

### Identification

**Chemical Name** : N4.5-[(Acetylamino)methyl]desmopressin (as per EP)

**CAT No** : ALL-D08933

**CAS No** : N.A.

**Molecular Formula** : C<sub>48</sub>H<sub>66</sub>N<sub>14</sub>O<sub>13</sub>S<sub>2</sub>
**Molecular Weight** : 1111.3


### Analytical Information

<b>Batch Code</b>	: ALL-D08933	<b>HPLC Purity</b>	: 98.00%
<b>Solubility</b>	: USP Diluent / EP Diluent (MEOH)	<b>Potency</b>	: 96.19%
<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>	: 0.586%	<b><sup>1</sup>HNMR</b>	: Confirm
<b>Residue Of Ignition</b>	: 1.258%		

### Additional Information

$$\%Potency = [100 - (\text{Weight Loss By TGA } \% + \text{Residue Of Ignition } \%) \times \text{Chromatographic Purity}\%]/100 = [100 - (0.586+1.258) \times 98.00]/100 = 96.19\%$$

**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, <sup>1</sup>H NMR, IR, TGA

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

#### Corporate Office