

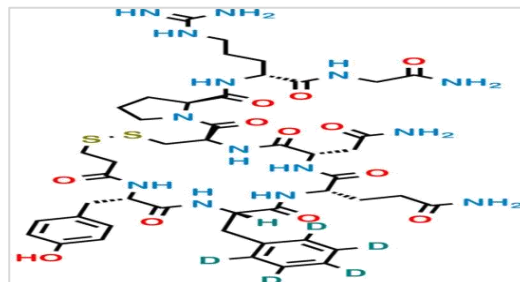
Analysis Date: 14-07-2025

Re-test Date: 14-07-2028

## DESMOPRESSIN D5

### Identification

<b>Chemical Name</b>	: (S)-1-((4R,7S,10S,13S,16S)-7-(2-Amino-2-oxoethyl)-10-(3-amino-3-oxopropyl)-16-(4-hydroxybenzyl)-6,9,12,15,18-pentaoxo-13-((phenyl-d5)methyl)-1,2-dithia-5,8,11,14,17-pentaazacycloicosane-4-carbonyl)-N-((R)-1-((2-amino-2-oxoethyl)amino)-5-guanidino-1-oxopentan-2-yl)pyrrolidine-2-carboxamide
<b>CAT No</b>	: ALL-D08941
<b>CAS No</b>	: N.A.
<b>Molecular Formula</b>	: C <sub>46</sub> H <sub>59</sub> D <sub>5</sub> N <sub>14</sub> O <sub>12</sub> S <sub>2</sub>
<b>Molecular Weight</b>	: 1074.3



### Analytical Information

<b>Batch Code</b>	: ALL-D08941	<b>HPLC Purity</b>	: 98.00%
<b>Solubility</b>	: USP Diluent / EP Diluent (MEOH)	<b>Potency</b>	: 96.26%
<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>	: 1.024%	<b><sup>1</sup>H NMR</b>	: Confirm
<b>Residue Of Ignition</b>	: 0.746%		

### Additional Information

$$\% \text{Potency} = [100 - (\text{Weight Loss By TGA \%} + \text{Residue Of Ignition \%}) \times \text{Chromatographic Purity\%}] / 100 = [100 - (1.024 + 0.746) \times 98.00] / 100 = 96.26\%$$

**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