

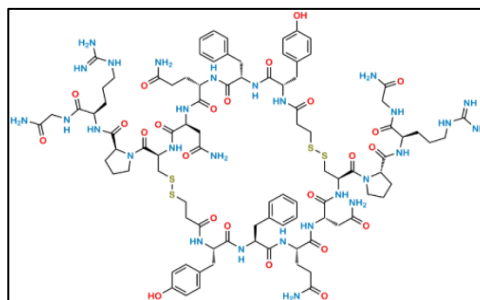
Analysis Date: 14-07-2025

Re-test Date: 14-07-2028

## DESMOPRESSIN ANTIPARALLEL DIMER IMPURITY

### Identification

<b>Chemical Name</b>	: (2S,2'S)-1,1'-((4R,7S,10S,13S,16S,24R,27S,30S,33S,36S)-7,27-bis(2-amino-2-oxoethyl)-10,30-bis(3-amino-3-oxopropyl)-13,33-dibenzyl-16,36-bis(4-hydroxybenzyl)-6,9,12,15,18,26,29,32,35,38-decaoxo-1,2,21,22-tetrathia-5,8,11,14,17,25,28,31,34,37-decaazacyclotetracontane-4,24-dicarbonyl)bis(N-((R)-1-((2-amino-2-oxoethyl)amino)-5-guanidino-1-oxopentan-2-yl)pyrrolidine-2-carboxamide)
<b>CAT No</b>	: ALL-D08931
<b>CAS No</b>	: 2251748-64-6
<b>Molecular Formula</b>	: C92H128N28O24S4
<b>Molecular Weight</b>	: 2138.4



### Analytical Information

<b>Batch Code</b>	: ALL-D08931	<b>HPLC Purity</b>	: 98.00%
<b>Solubility</b>	: USP Diluent / EP Diluent (MEOH)	<b>Potency</b>	: 95.67%
<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>	: 1.624%	<b><sup>1</sup>H NMR</b>	: Confirm
<b>Residue Of Ignition</b>	: 0.745%		

### Additional Information

$$\%Potency = [100 - (\text{Weight Loss By TGA \%} + \text{Residue Of Ignition \%}) \times \text{Chromatographic Purity\%}] / 100 = [100 - (1.624 + 0.745) \times 98.00] / 100 = 95.67\%$$

**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