

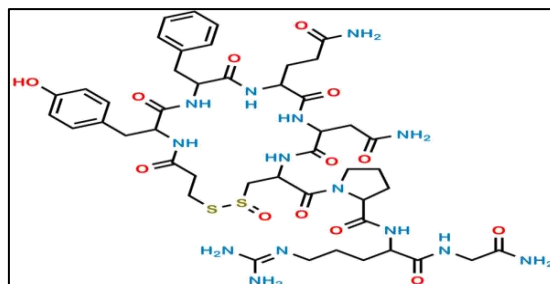
Analysis Date: 14-07-2025

Re-test Date: 14-07-2028

DESMOPRESSIN IMPURITY 2

Identification

Chemical Name	: 1-(7-(2-Amino-2-oxoethyl)-10-(3-amino-3-oxopropyl)-13-benzyl-16-(4-hydroxybenzyl)-2-oxido-6,9,12,15,18-pentaoxo-1,2-dithia-5,8,11,14,17-pentaazacycloicosane-4-carbonyl)-N-(1-((2-amino-2-oxoethyl)amino)-5-((diaminomethylene)amino)-1-oxopentan-2-yl)pyrrolidine-2-carboxamide
CAT No	: ALL-D08934
CAS No	: N.A.
Molecular Formula	: C ₄₆ H ₆₄ N ₁₄ O ₁₃ S ₂
Molecular Weight	: 1085.2



Analytical Information

Batch Code	: ALL-D08934	HPLC Purity	: 98.00%
Solubility	: USP Diluent / EP Diluent (MEOH)	Potency	: 96.28%
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: -20 ⁰ C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.445%	1HNMR	: Confirm
Residue Of Ignition	: 1.310%		

Additional Information

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

$$[100 - (0.445 + 1.310) \times 98.00] / 100 = 96.28\%$$

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