

Analysis Date: 14-07-2025

Re-test Date: 14-07-2028

DESMOPRESSIN EP IMPURITY B

Identification

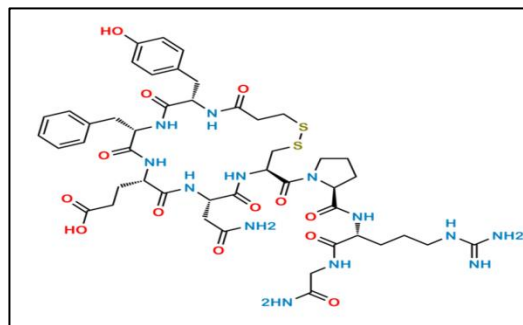
Chemical Name : [4-l-glutamic acid]desmopressin (as per EP)

CAT No : ALL-D08926

CAS No : N.A.

Molecular Formula : C₄₆H₆₃N₁₃O₁₃S₂

Molecular Weight : 1070.2



Analytical Information

| | | | |
|-----------------------|-----------------------------------|-------------------|-----------|
| Batch Code | : ALL-D08926 | HPLC Purity | : 98.00% |
| Solubility | : USP Diluent / EP Diluent (MEOH) | Potency | : 96.25% |
| Appearance of Product | : Off White Solid | Mass | : Confirm |
| Long Term Storage | : -20 ⁰ C | IR Analysis | : Confirm |
| Weight Loss By TGA | : 1.221% | ¹ HNMR | : Confirm |
| Residue Of Ignition | : 0.557% | | |

Additional Information

%Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
 [100 - (1.221+0.557) × 98.00]/100 = 96.25%

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