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CERTIFICATE OF ANALYSIS

Analysis Date: Mar 2026

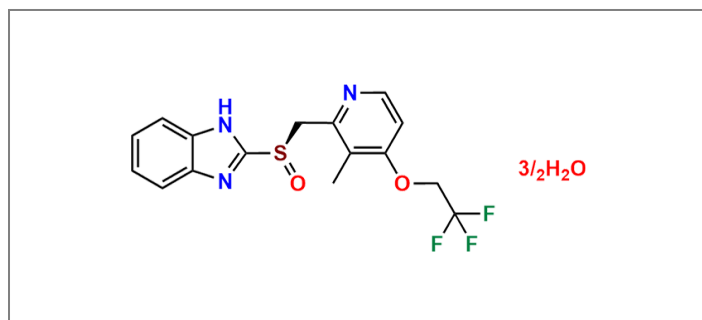
Re-test Date: Feb 2029

Product Name: Dexlansoprazole Sesquihydrate

Identification:

Chemical Name: 2-[(R)-[[3-Methyl-4-(2,2,2-trifluoroethoxy)-2-pyridinyl]methyl]sulfinyl]-1H-benzimidazole sesquihydrate

Synonyms : R-(+)-Lansoprazole
CAS Number : 313640-86-7
CAT Number : CP-D69008
Molecular Formula : C₁₆H₁₄F₃N₃O₂S : 3/2(H₂O)
Molecular Weight : 369.36 : 3/2(18.02)
Batch Number : CP-DEX-SQH-0326
Storage Condition : Tightly closed, Inert atmosphere at -20° C
Shipping condition : At low temperature with dry ice and ice pack gel



Analytical Information:

| Sr. No. | Test | Result |
|---------|---------------------|--------------------------------|
| 1) | Description | Off White to Light Brown Solid |
| 2) | Solubility | Soluble in Methanol/DMSO |
| 3) | Mass Spectrometry | Confirm to structure |
| 4) | Purity By HPLC | 99.42% |
| 5) | ¹ H NMR | Confirm to structure |
| 6) | ¹³ C NMR | Confirm to Structure |
| 7) | FT-IR | Confirm to Structure |
| 8) | Weight loss by TGA | - |
| 9) | Potency | - |



Prepared and Reviewed By



Mr. Shubham Bondre
(Quality Control)

Approved By



Mr. Abhijit Kale
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.