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**Certificate of Analysis**

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Product Name: Lansoprazole sodium  
Cat. No.: GC12112  
Batch No.: 1  
Chemical Name: sodium;2-[[3-methyl-4-(2,2,2-trifluoroethoxy)pyridin-2-yl]methylsulfanyl]benzimidazol-1-ide

**PHYSICAL AND CHEMICAL PROPERTIES**

Cas. No.: 226904-00-3  
Molecular Formula: C<sub>16</sub>H<sub>13</sub>F<sub>3</sub>N<sub>3</sub>NaO<sub>2</sub>S  
Molecular Weight: 391.34  
Storage: Store at -20°C  
Chemical Structure:

**ANALYTICAL DATA**

Appearance: solid  
HNMR: Consistent with structure  
HPLC: Consistent with structure  
Purity: >98%  
Conclusion: The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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