## **Certificate of Analysis**

## Mosapride (citrate)

Cat. No.: HY-B0189A

CAS No.: 112885-42-4

Batch No.: 424465

Chemical Name: Benzamide, 4-amino-5-chloro-2-ethoxy-N-[[4-[(4-fluorophenyl)methyl]-2-morpholinyl]methyl]-,

2-hydroxy-1,2,3-propanetricarboxylate (1:1)

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C<sub>27</sub>H<sub>33</sub>ClFN<sub>3</sub>O<sub>10</sub>

Molecular Weight: 614.02

**Storage:** 4°C, sealed storage, away from moisture

\* In solvent: -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

**Chemical Structure:** 

$$\begin{array}{c} O \\ H_2N \end{array} \begin{array}{c} O \\ H_2 \end{array} \begin{array}{c} O \\ O \\ OH \\ OH \end{array} \begin{array}{c} O \\ OH \\ OH \end{array}$$

## ANALYTICAL DATA

Appearance: White to off-white (Solid)

LCMS: Consistent with structure

Purity (LCMS): 99.96%

**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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