

Certificate of Analysis

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Product Name : Esomeprazole agnesium trihydrate

 Cat. No.
 : PC-45145

 CAS No.
 : 217087-09-7

 Batch No.
 : PC-4514501

Chemical Name : Magnesium, bis[6-methoxy-2-[(S)-[(4-methoxy-3,5-dimethyl-2-pyridinyl)methyl]sulfinyl-κO]-

1H-benzimidazolato-κN3]-, hydrate (1:3), (T-4)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Weight : 767.1671

Molecular Formula : $C_{34}H_{42}MgN_6O_9S_2$

Storage : Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure :

 Mg^{2+}

 $H \stackrel{\circ}{\to} H \stackrel{\circ}{\to} H \stackrel{\circ}{\to} H$

ANALYTICAL DATA

Appearance : Solid powder

HNMR Spectrum : Consistent with
HPLC : Consistent with
NP : Consistent with

Purity (HPLC) : >98%

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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