

GUINAMA. Aboratory distributor of raw materials fot he pharmaceutical and cosmetic industries.

Type of document:

TECHNICAL DATA SHEET

 Review date:
 Version:

 13.09.2022
 5.0

8937-OMEPRAZOL

1. IDENTIFICATION OF THE SUBSTANCE OR PREPARATION.

1.1 Identification of the substance or preparation.

Name: Omeprazol Bulk code: 8937

1.2 Synonims.

No information available.

2. DESCRIPTION

Appearance: Powder.

Colour: White or almost white.

Odour: Odourless.

3. COMPOSITION/INFORMATION ON COMPONENTS.

Formula: C17H19N3O3S CAS No.: 73590-58-6

Molecular weight: 345.4 g/mol

4. PHYSICO-CHEMICAL DATA.

See detailed specifications on analysis certificate.

Solubility: Very poorly soluble in water. Soluble in methylene chloride, quite soluble in alcohol and methanol. It dissolves in dilute solutions of alkali hydroxides.

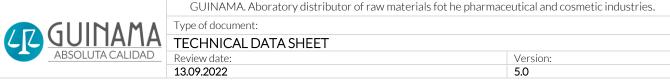
5. PROPERTIES/USES.

ACTIVE PHARMACEUTICAL INGREDIENT.

Omeprazole base is a proton pump inhibitor that inhibits gastric acid secretion. It is used to treat reflux oesophagitis, peptic ulcers and Zollinger-Ellison syndrome.

Omeprazole inhibits gastric acid secretion and is considered to do so by irreversibly blocking the enzyme system of hydrogen/potassium adenosine triphosphatase, the "proton pump" of the gastric parietal cell.

It is given under conditions where inhibition of gastric acid secretion may be beneficial.



8937-OMEPRAZOL

6. DOSAGE.

- Reflux oesophagitis: 20 to 40 mg once daily for 4 to 8 weeks; 20 mg once daily may be continued in subsequent maintenance therapy.
- Peptic ulcers: a single daily dose of 20 mg, or 40 mg in severe cases, is usually recommended for 4 weeks in patients with duodenal ulcers and for 8 weeks in those with gastric ulcers. Treatment for longer periods is not yet recommended.
- Zollinger-Ellison syndrome: usually 60 mg once daily initially, but doses may range from 20 to 120 mg daily; doses above 80 mg should be divided and administered twice daily. In such patients, treatment with omeprazole shall be continued as required to keep the condition under control.

7. REMARKS.

STORAGE:

Store in a hermetically sealed container, protected from light, in a refrigerator at a temperature set at 5±3°C.

8. BIBLIOGRAPHY.

"Martindale. The Extra Pharmacopoeia". 30th Edition. Ed. The Pharmaceutical Press. London. (1993).