



GUINAMA. Laboratory distributor of raw materials for the pharmaceutical and cosmetic industries.

Type of document:

TECHNICAL DATA SHEET

Review date:

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Version:

3.0

10614-TADALAFIL

1. IDENTIFICATION OF THE SUBSTANCE OR PREPARATION.

1.1 Identification of the substance or preparation.

Name: Tadalafil

Bulk code: 10614

1.2 Synonyms.

No information available.

2. DESCRIPTION

Appearance: Powder.

Colour: White or almost white.

3. COMPOSITION/INFORMATION ON COMPONENTS.

Formula: C₂₂H₁₉N₃O₄

CAS No.: 171596-29-5

EINECS: 87-782-2

Molecular weight: 389.40 g/mol

4. PHYSICO-CHEMICAL DATA.

See detailed specifications in analysis bulletin.

Solubility: Practically insoluble in water, slightly soluble in dimethyl sulphoxide, slightly soluble in methylene chloride.

Melting point: No information available.

5. PROPERTIES/USES.

ACTIVE PHARMACEUTICAL INGREDIENT.

Tadalafil is a phosphodiesterase type 5 inhibitor with actions and uses similar to those of sildenafil. It is used to treat erectile dysfunction and pulmonary arterial hypertension.



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6. DOSAGE.

Orally:

- Erectile dysfunction: usually 10 mg at least 30 minutes before sexual activity and may be taken with or without food. The dose may be increased to 20 mg or decreased to 5 mg, if necessary. Efficacy may persist for up to 36 hours after dosing. Tadalafil should not be taken more than once every 24 hours.
- Pulmonary arterial hypertension: 40 mg once a day.

7. REMARKS.

STORAGE:

Store at room temperature ($25 \pm 2^\circ\text{C}$), in a cool, dry place, away from sunlight, in a tightly closed container.

8. BIBLIOGRAPHY.

"Martindale. The Extra Pharmacopoeia". 37th Edition. Ed. The Pharmaceutical Press. London. (2011).