

**91758 – LIDOCAINE BASE****1. IDENTIFICATION OF THE SUBSTANCE OR PREPARATION.****1.1 Identification of the substance or preparation.**

Name: Lidocaine base

Bulk code: 91758

**1.2 Synonyms.**

Lignocaine; Xilocaine.

**2. DESCRIPTION**

Appearance: Voluminous, flowing powder.

Colour: White or almost white.

**3. COMPOSITION/INFORMATION ON COMPONENTS.**Formula:  $C_{14}H_{22}N_2O$ 

Molecular weight: 234.3 g/mol

**4. PHYSICO-CHEMICAL DATA.**

See detailed specifications in analysis bulletin.

**Solubility:** Practically insoluble in water, highly soluble in ethanol (96%) and in methylene chloride.**Melting point:** 66 - 70 °C**5. PROPERTIES/USES.**

ACTIVE PHARMACEUTICAL INGREDIENT.

Lidocaine is an amide-type anaesthetic with intermediate duration of action, and a class Ib anti-arrhythmic.

Lidocaine acts by stabilising the neuronal membrane, preventing the initiation and propagation of the nerve impulse.

It is commonly used in creams, gels and ointments as a topical local anaesthetic. Alone or in combination with other anaesthetics such as prilocaine base.

**6. DOSAGE.**

Topical use: 2 - 5 % of Lidocaine base



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

Type of document:

**TECHNICAL DATA SHEET**

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### **7. REMARKS.**

#### **STORAGE:**

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

### **8. BIBLIOGRAPHY.**

Martindale, Guía completa de consulta farmacoterapéutica, 1ª ed. (2003).