

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

91758 – LIDOCAINE BASE**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).