



GUINAMA. Laboratory distributing raw materials for the pharmaceutical and cosmetics industries.

Type of Document:

TECHNICAL DATA SHEET

Fecha revisión:

10.07.2023

Versión:

7.0

88987-IVERMECTIN FOR VETERINARY USE

1. IDENTIFICATION OF THE SUBSTANCE OR PREPARATION.

1.1 Identification of the substance or preparation

Name: Ivermectin for veterinary use

Bulk code: 88987

1.2 Synonyms

No information available.

2. DESCRIPTION

Appearance: Crystalline powder

Colour: White or yellowy White

Method of production: Semi-synthetic product derived from a fermentation product.

Slightly hygroscopic.

3. COMPOSITION/INFORMATION ON COMPONENTS.

CAS: 70288-86-7

EC: 274-536-0

<u>Component</u>	<u>Radical</u>	<u>Molecular formula</u>	<u>Molecular weight</u>	<u>CAS</u>
H2B1a	CH ₂ -CH ₃	C ₄₈ H ₇₄ O ₁₄	875.11	71827-03-7
H2B1b	CH ₃	C ₄₇ H ₇₂ O ₁₄	861.08	70209-81-3

4. PHYSICO-CHEMICAL DATA.

See detailed specifications in analysis report.

Solubility: Practically insoluble in water, slightly soluble in methylene chloride, soluble in ethanol (96%).

5. PROPERTIES/USES.

ACTIVE PHARMACEUTICAL INGREDIENT.

Product "EXCLUSIVELY FOR VETERINARY USE".

Ivermectin is a semi-synthetic derivative of one of the avermectins, a group of macrocyclic lactones produced by *Streptomyces avermitilis*.



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It has a microfilaricide effect in onchocerciasis and reduces the microfilarial load without the toxicity observed with diethylcarbamazine. Ivermectin also has a microfilaricide effect on lymphatic filariasis and is used in endemic areas as part of a mass treatment programme. Ivermectin is an active ingredient in some other worm infections. It is used to treat strongyloidiasis and has been tried in some mansonella infections.

6. DOSAGE.

According to prescription depending on the species.

7. REMARKS.

STORAGE:

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

8. BIBLIOGRAPHY.

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