

1. NAME OF THE VETERINARY MEDICINAL PRODUCT

Cobalt Super 2.1 mg/ml oral solution

2. QUALITATIVE AND QUANTITATIVE COMPOSITION

Each ml contains:

Active substances:

Cobalt (as cobalt sulphate heptahydrate)	2.1 mg
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Excipients:

Qualitative composition of excipients and other constituents
Purified water

Red/purple translucent solution.

3. CLINICAL INFORMATION

3.1 Target species

Cattle and sheep.

3.2 Indications for use for each target species

For the prevention and treatment of cobalt deficiency (pining) and associated signs such as scouring and decreased reproductive performance.

3.3 Contraindications

None known.

3.4 Special warnings

Do not use in calves and lambs under 8 weeks of age.

3.5 Special precautions for use

Special precautions for safe use in the target species:

This veterinary medicinal product should only be used where cobalt deficiency is known to exist. Farmers are advised to have their animals regularly checked for deficiency.

Special precautions to be taken by the person administering the veterinary medicinal product to animals:

At sheep dipping, dose before dipping to avoid handling sheep.

Special precautions for the protection of the environment:

Not applicable.

3.6 Adverse events

Cattle and sheep:

None known.

Reporting adverse events is important. It allows continuous safety monitoring of a veterinary medicinal product. Reports should be sent, preferably via a veterinarian, to either the marketing authorisation holder or the national competent authority via the national reporting system. See the immediate packaging for respective contact details.

3.7 Use during pregnancy, lactation or lay

Pregnancy and lactation:

Can be used during pregnancy and lactation.

3.8 Interaction with other medicinal products and other forms of interaction

None known.

3.9 Administration routes and dosage

Oral use.

Shake well before use.

The veterinary medicinal product is indicated in the prevention and treatment of 'Pine' also known as 'Vinquish' or 'Galra thrua'. Affected sheep and lambs lose their appetite becoming thin, unthrifty and weak. Scouring is present which does not respond to dosing for worms. The eyes are watery and ears droop and the sheep walks with difficulty. Cobalt deficiency may contribute to other nutritional disorders such as Twin Lamb Disease.

Ideally, cobalt should be given as frequently as possible because it is not effectively recycled and no effective stores exist in the body. However, periodic drenching with oral cobalt is effective when adequate doses are given every 14 days (2 weeks) or every 21 days (3 weeks).

Cattle

	<u>Dosing Interval</u> <u>Two weeks</u>	<u>Dosing Interval</u> <u>Three weeks</u>
Calves	30 ml	45 ml
Growing cattle	50 ml	75 ml
Lactating cattle	70 ml	105 ml

Sheep

	<u>Dosing Interval</u> <u>Two weeks</u>	<u>Dosing Interval</u> <u>Three weeks</u>
Lambd ewe	15 ml	22.5 ml
Dry ewes	15 ml	22.5 ml
Lambs	10 ml	15.0 ml

For Pining and associated signs such as scouring and decreased reproductive performance, the two week dose should be given every second day until 4 doses have been given.

The veterinary medicinal product can be given in a little water.

3.10 Symptoms of overdose (and where applicable, emergency procedures and antidotes)

Cobalt is relatively nontoxic, and toxicity is not recognised under natural conditions. Overdoses may result in depressed appetite, weight loss and anaemia, which is strangely analogous to the description of deficiency.

3.11 Special restrictions for use and special conditions for use, including restrictions on the use of antimicrobial and antiparasitic veterinary medicinal products in order to limit the risk of development of resistance.

Not applicable.

3.12 Withdrawal periods

Cattle and sheep:

Meat and offal: 0 days.

Milk: 0 days.

4. PHARMACOLOGICAL INFORMATION

4.1 ATCvet code :

QV06D

4.2 Pharmacodynamics

Mineral deficiencies can occur from inadequate ingestion, absorption and utilization of minerals or from an increased requirement, destruction or increased excretion of minerals, or from a combination of these factors. Cobalt is an essential mineral in sheep and cattle diets. This veterinary medicinal product contains this mineral in its sulphate salt form.

5. PHARMACEUTICAL PARTICULARS

5.1 Major incompatibilities

None known.

5.2 Shelf life

Shelf-life of the veterinary medicinal product as packaged for sale: 3 years.

5.3 Special precautions for storage

Do not store above 25 °C

5.4 Nature and composition of immediate packaging

High density polythene container and closure.

Pack Size: 500 ml, 1 litre, 2.5 litre and 5 litre.

Not all pack sizes may be marketed.

5.5 Special precautions for the disposal of unused veterinary medicinal products or waste materials derived from the use of such products

Medicines should not be disposed of via wastewater or household waste.

Use take-back schemes for the disposal of any unused veterinary medicinal product or waste materials derived thereof in accordance with local requirements and with any national collection systems applicable to the veterinary medicinal product concerned.

6. NAME OF THE MARKETING AUTHORISATION HOLDER

Chanelle Pharmaceuticals Manufacturing Ltd.

7. MARKETING AUTHORISATION NUMBER(S)

VPA10987/032/001

8. DATE OF FIRST AUTHORISATION

01/10/1989

9. DATE OF THE LAST REVISION OF THE SUMMARY OF THE PRODUCT CHARACTERISTICS

21/07/2026

10. CLASSIFICATION OF VETERINARY MEDICINAL PRODUCTS

Veterinary medicinal product not subject to prescription.

Detailed information on this veterinary medicinal product is available in the [Union Product Database \(https://medicines.health.europa.eu/veterinary\)](https://medicines.health.europa.eu/veterinary).