

# Leaflet



## Hivita-tong

### Multivitamin Injectable Solution

#### Description

An orange-red sterile aqueous solution, containing per ml:

Vitamin A Palmitate	15,000 i.u
Cholecalciferol (Vitamin D <sub>3</sub> )	1,000 i.u
Vitamin E acetate	20 mg
Thiamine Hydrochloride (Vitamin B <sub>1</sub> )	10 mg
Riboflavin Sodium Phosphate (Vitamin B <sub>2</sub> )	5 mg
Pyridoxine Hydrochloride (Vitamin B <sub>6</sub> )	3 mg
Nicotinamide	35 mg
Pantothenol	25 mg
Cyanocobalamin (Vitamin B <sub>12</sub> )	50 mg

Also contains 0.1% w/v Chlorocresol as an antimicrobial preservative.

#### Pharmacology

Vitamins are organic substances required by the body in small amounts for various metabolic processes. Most are not synthesised in the body, or are synthesised in small or insufficient quantities. Vitamin deficiency may result from an inadequate diet, perhaps due to increased requirements such as during pregnancy, or may be induced by disease or drugs.

Signs of deficiency in animals of some of the vitamins include:

Vitamin A- Poor growth, unsteady gait, birth of abnormal pigs, hyperkeratinization of skin, xerophthalmia Low liver vitamin A, elevated cerebrospinal fluid pressure, low plasma vitamin A.

Vitamin D- Poor growth, leg weakness, Rickets, low plasma Ca and P, elevated plasma alkaline phosphatase.

Vitamin E- Sudden death, paleness Liver necrosis, mulberry heart, pale musculature, edema, jaundice.

Thiamine (vit. B<sub>1</sub>)-Poor growth, loss of appetite, sudden death Enlarged flabby heart, abnormal electrocardiogram, elevated blood pyruvate.

Riboflavin (Vit. B<sub>2</sub>)-Poor growth, red exudate around eyes, birth of dead or weak pigs Lens cataracts, increase of blood neutrophils.

Niacin (Vit. B<sub>3</sub>)-Poor growth, necrotic enteritis Normocytic anemia.

Pyridoxine (Vitamin B<sub>6</sub>)-Poor growth, epileptic convulsions Low blood hemoglobin, high plasma iron, high urinary xanthurenic acid.

Vitamin B<sub>12</sub>-Poor growth, irritable, birth of weak pigs Low serum B<sub>12</sub>, low lymphocyte count, enlarged liver.

Pantothenol - Poor growth, goose stepping, posterior paralysis, birth of small, weak pigs Sciatic nerve degeneration.

FOR VETERINARY USE ONLY  
KEEP OUT OF REACH OF CHILDREN

#### Indication

HIVITA TONG is indicated in the prevention and treatment of vitamin deficiencies in horses, cattle, sheep and pigs; particularly during periods of illness, convalescence and general unthriftiness. Used in layer and broiler, HIVITA TONG can improve the feed conversion rate and enhance the body's resistance to disease. Clinical trials in farms of China indicates, when used according to the recommended dosage, HIVITA TONG can noticeably increase the market weight of broiler, improve the laying rate and prevent misshapen eggs and stress reaction of layer.

#### Dosage and Administration

##### By intramuscular or subcutaneous injection:

Clean the area of the injection site and swab with spirit.

Ensure that all injection equipment is thoroughly clean and sterilized before use.

Horses and cattle	20-30 ml
Calves, Foals, Sheep and Pigs	5-10 ml
Weaners and Lambs	2-5 ml
Piglets up to 20 lbs	0.5-2 ml
Poultry, pigeons	0.1ml (I.M.)

Normal aseptic precautions should be observed.

The injection may be repeated at intervals of 10-14 days.

##### By oral solution:

Poultry: 100ml HIVITA TONG to 100L drinking water.

For broiler: Administer by drinking water at day 14<sup>th</sup> - 16<sup>th</sup>, day 24<sup>th</sup> - 26<sup>th</sup>, day 42<sup>th</sup> - 45<sup>th</sup>.

For layer: Administer by drinking water for 3 consecutive days at an interval of 10 days.

#### Contraindications and Warnings

Withdrawal period for milk: Nil.

Animals must not be slaughtered for human consumption during treatment. Horses, cattle, sheep and pigs may be slaughtered for human consumption only after 21 days from the last treatment.

#### Storage

Store in a cool and dry place below 30°C, protect from light.

Keep all medicines out of reach of children.

Use the product within 28 days after withdrawal of the first dose.

#### Presentation

In a 50 ml and 100 ml glass bottle.

#### Validity

3 years.

100\*130mm, 115200张 (机装盒)