DONG BANG CO., LTD. is a top leading animal health product manufacturer in Korea since 1977, specialized in antibiotics, hormones, probiotics, vitamins and mineral products.
This product catalog is provided for the benefits of customers and suppliers.

For further information, please contact us or visit our website at

www.dongbangah.com

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Antibiotics

**LINSMYCIN 100 STERILE POWDER**

- A broad spectrum of activity against G(+), G(-) bacteria and *Mycoplasma*
- High synergy effects of Lincomycin and Spectinomycin
- Rapidly reaches therapeutic level in blood within 10 minutes after injection
- Fast acting
- High safety

**Composition**
Each g contains Lincomycin hydrochloride 222mg (base) and Spectinomycin sulfate 445mg (base)

**Indications**
- **Calves** Pneumonia, Pneumomenteritis (pneumonia and/or enteritis), Enteritis by *Salmonella, Clostridium* and Colibacillosis
- **Swine** Mycoplasmal pneumonia, Infectious pneumonia, Bacterial pneumonia, Staphylococcosis, Atrophic rhinitis, Swine erysipelas, Omphalitis, Arthritis, Dysentery, Mycoplasmal arthritis, Rhinitis, Colibacillosis, Edema disease, Septicemia, Necrotic enteritis, Metritis, Pneumonia by *Pasteurella* or *Haemophilus*
- **Chickens** CRD, CCRD, Coryza, Necrotic Enteritis, Synovitis by *Staphylococcus* or *Mycoplasma, Septicemia* and *Arthritis*
- **Dogs** Pneumonia, Pharyngitis, Tonsillitis, Bronchitis, Pustular dermatitis, Abscesses, Cystitis, Metritis, Gastritis, Enteritis

**Dosage & Administration**
Dissolve each 1g in minimum 4ml of distilled water
- **Calves** 1g / 40kg of body weight for 2–4 days, I.M.
- **Swine** 1g / 40kg of body weight for 3–7 days, I.M.
- **Chickens** 45mg / kg of body weight, I.M.
- **Dogs** 45mg per kg of body weight, I.M.

**Package** 1g, 5g, 10g, 20g
LINSMYCIN SS INJECTABLE

- A broad spectrum of activity against G(+) and G(-) bacteria and Mycoplasma
- High synergy effects of Lincomycin and Spectinomycin
- Remarkable effects immediately after injection
- Reaches the highest therapeutic level in blood within 10 minutes
- High safety
- Colorless aqueous solution

Composition

Each ml contains Lincomycin hydrochloride 50mg (base) and Spectinomycin sulfate 100mg (base)

Indications

- Swine: Bacterial pneumonia, Mycoplasmal pneumonia, Bacterial enteritis and diarrhea, Swine dysentery and Infectious arthritis
- Calves: Pneumonia and enteritis
- Sheep and Goats: Bacterial respiratory diseases
- Chickens and Turkeys: Colibacillosis, CRD, Airsacculitis, Fowl cholera, Staphylococcosis, and CCRD
- Dogs: Pneumonia, Pharyngitis, Tonsillitis, Laryngitis, Bronchitis, Pustular dermatitis, Pyogenic dermatitis, Abscess, Cystitis, Metritis and Gastroenteritis
- Cats: Cystitis, Infectious bite wounds, Abscess and Respiratory infections (Pneumonia, Laryngitis, Bronchitis)

Dosage & Administration

- Swine: 1ml / 10kg of body weight, I.M.
- Non-ruminating Calves: 1ml / 10kg of body weight, I.M.
- Sheep and Goats: 1ml / 10kg of body weight, I.M.
- Chickens and Turkeys: 0.2ml / 1kg of body weight, S.C.
- Dogs & Cats: 2ml / 10kg of body weight, I.M.

Package: 50ml, 100ml
**LINSMYCIN 100 SOLUBLE POWDER**

- High synergy effects of Lincomycin and Spectinomycin
- Easy to use and cost-effective
- Excellent water solubility
- High safety
- Pale yellow powder

**Composition**
Each kg contains Lincomycin hydrochloride 222g (base) and Spectinomycin sulfate 444g (base)

**Indications**
- **Chickens**: CRD, CCMD, Colibacillosis, Staphylococcosis
- **Swine**: Dysentery, Colibacillosis, Vibrionic enteritis, Pneumonia, Arthritis, Bacterial diarrhea, Salmonellosis, Atrophic rhinitis, Swine erysipelas, Septicemic arthritis and Septicemic enteritis

**Dosage & Administration**
- **Chickens**: Dissolve 150g / 200L drinking water
- **Swine**: Dissolve 150g / 1,500L drinking water

**Package**: 150g (75g x 2)

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**LINSMYCIN PREMIX**

- Prevention & Treatment of bacterial infections (Vibrionic diarrhea, Dysentery, Salmonellosis, Coliform enteritis, Streptococcosis, Staphylococcosis, Arthritis, Swine erysipelas, Mycoplasmal pneumonia, Actinobacillus pleuropneumonia, Atrophic rhinitis in swine and Mycoplasmal diseases in poultry)
- High synergy effects of Lincomycin and Spectinomycin

**Composition**
Each kg contains Lincomycin hydrochloride 22g (base) and Spectinomycin sulfate 22g (base)

**Dosage & Administration**
- **Swine**: 1-3kg / ton of feed for 1-3 weeks for the treatment of diseases or 0.25-1kg / ton of feed for the growth promotion and improvement of feed efficiency
- **Chickens**: 3-5kg / ton of feed for 5-7 days to diseases treatment

**Package**: 1kg, 5kg, 10kg
**LINCOMYCIN 44 PREMIX**

- The only product approved by U.S. FDA for the control of Mycoplasmal pneumonia along with ileitis
- Treatment of Swine dysentery, growth promotion and improvement of feed efficiency for swine
- Treatment of Necrotic enteritis, pigmentation effect, improvement of weight gain & feed efficiency for broilers

**Composition**

Each kg contains Lincomycin hydrochloride 44g (base)

**Dosage & Administration**

- **Swine** 0.5~1kg / ton of feed for prevention of diseases, improvement of feed efficiency and growth promotion
  3~5kg / ton of feed to diseases treatment
- **Broilers** 50~100g / ton of feed to diseases treatment

**Package** 1kg, 5kg, 20kg

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**LINCOMYCIN 110 PREMIX**

- The only product approved by U.S. FDA for the control of Mycoplasmal pneumonia along with ileitis
- Treatment of Swine dysentery, growth promotion and improvement of feed efficiency for swine
- Treatment of Necrotic enteritis, pigmentation effect, improvement of weight gain & feed efficiency for broilers

**Composition**

Each kg contains Lincomycin hydrochloride 110g (base)

**Dosage & Administration**

- **Swine** 0.2~0.4kg / ton of feed for prevention of diseases, improvement of feed efficiency and growth promotion
  1.2~2kg / ton of feed to diseases treatment
- **Broilers** 20~40g / ton of feed to diseases treatment

**Package** 1kg, 5kg, 20kg
- Approved by U.S. FDA for the control of Mycoplasmal pneumonia along with Ileitis
- Treatment of Swine dysentery, growth promotion and improvement of feed efficiency in swine
- Treatment of Necrotic enteritis caused by Clostridium spp, improvement of weight gain & feed efficiency in broilers

Composition
Each kg contains Lincomycin hydrochloride 330g (potency)

Indications
- Swine  Treatment of swine dysentery caused by Brachyspira hyodysenteriae
          Prevention and treatment of Ileitis(porine proliferative enteropathy) and Mycoplamsal pneumonia :
- Broilers Prevention and treatment of necrotic enteritis caused or complicated by Clostridium spp.

Dosage & Administration
- Swine
  1) Prevention of Ileitis : Administer 100-200g per liter of drinking water up to a maximum of ten consecutive days.
  2) Treatment of Ileitis : Administer 200g per liter of drinking water up to a maximum of ten consecutive days.
  3) Treatment of Swine dysentery : Administer 100-200g per liter of drinking water for a minimum of five consecutive days beyond the disappearance of symptoms up to a maximum of ten consecutive days
  4) Prevention and treatment of Swine Mycoplasmal Pneumonia : Administer 200-260g per liter of drinking water up to a maximum of 21 consecutive days
- Broilers
  Prevention and treatment of necrotic enteritis caused or complicated by Clostridium spp.
  Administer 52g per 1,000 liter of drinking water(approximately 100g per 2 tons of drinking water) for 7 consecutive days.

Package  100g , 500g, 1kg, 5Kg
**LINCOMYCIN S PREMIX**

- Highly effective to growth promotion, improvement of feed efficiency
- Prevention & treatment of Mycoplasma pneumonia, Ileitis, Swine dysentery, Pneumonia and Atrophic rhinitis in swine

**Composition**
Each kg contains Lincomycin hydrochloride 44g (base) and Sulfamethazine 110g

**Dosage & Administration**
- **Swine**
  - 1 kg per ton of feed to prevention & treatment of diseases
  - 0.5 kg per ton of feed to growth promotion and improvement of feed efficiency

**Package**
1 kg, 5 kg, 10 kg

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**NEOCIN SOLUBLE POWDER**

- A broad spectrum of activity against G(+), G(-) bacteria
- For the treatment and control of bacterial enteritis caused by *E. coli* susceptible to Neomycin sulfate in swine, cattle, chicken and lambs
- Highly stable and safe in the intestine
- Suitable for oral administration - No bitter taste

**Composition**
Each kg contains Neomycin sulfate 100g (base)

**Indications**
- **Chickens and Turkeys** Non-specific enteritis, Salmonellosis, Colibacillosis and Blue comb disease
- **Swine and Calves** Dysentery, Colibacillosis, Vibrionic enteritis and Salmonellosis

**Dosage & Administration**
1g/10kg of body weight per day for 3~5 days
Oral medication after dissolving in drinking water

**Package**
100g, 500g, 1 kg
**NEOCIN 500 SOLUBLE POWDER**

- A broad spectrum of activity against G(+) , G(-) bacteria
- Treatment and control of bacterial enteritis caused by *E. coli* susceptible to Neomycin sulfate in swine, cattle, chicken and lambs
- High content

**Composition** Each kg contains Neomycin Sulfate 500g (Neomycin Base)

**Indications**
- **Chickens and Turkeys** Bacterial diseases (non-specific enteritis, salmonellosis, colibacillosis, and blue comb)
- **Swine and Cattle** Bacterial diseases (pig scour, diarrhea in piglets, dysentery, colibacillosis, vibrionic enteritis and salmonellosis)

**Dosage & Administration**
- 0.2g / 10kg of body weight per day for 3~5 days
- Oral medication after dissolving in drinking water

**Package** 100g, 500g, 1kg

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**NEOCIN M SOLUBLE POWDER**

- Control and treatment of bacterial diarrhea and gastrointestinal infections of dogs, cats, swine, cattle and horses especially when accompanied by hypermotility and hypersecretion
- Economic and convenient for mass medication-drinking water treatment

**Composition**
Each kg contains Neomycin Sulfate 77g (base) and Methscopolamine Bromide 550mg

**Dosage & Administration**
- **Swine, Cattle, Cats, Dogs, Horses** 1g / 10kg of body weight per day
  - Oral medication after dissolving in drinking water

**Package** 100g, 500g, 1kg
NEOCIN PREMIX

- A broad spectrum of activity against G(+) and G(-) bacteria
- Treatment and control of bacterial enteritis caused by *E. coli* susceptible to Neomycin sulfate in swine, cattle, and chicken
- Highly stable and safe in the intestine
- Suitable for oral administration - Highly palatable in feed, no bitter taste

**Composition**
Each kg contains Neomycin sulfate 77g (base)

**Indications**
- Chickens, Ducks and Turkeys: Non-specific enteritis, salmonellosis, colibacillosis, and blue comb disease
- Swine, Calves, Horses, Cattle, Sheep and Goats: White scours, Colibacillosis, Dysentery, Vibronic enteritis, and Salmonellosis
- Mink: Bacterial enteritis and diarrhea

**Dosage & Administration**
1~2 kg / ton of feed for 2~3 days

**Package**
1kg, 5kg, 10kg

NEOCIN 220 PREMIX

- High content
- A broad spectrum of activity against G(+) and G(-) bacteria
- Treatment and control of bacterial enteritis caused by *E. coli* susceptible to Neomycin sulfate in swine, cattle, and chicken

**Composition**
Each kg contains Neomycin sulfate 220g (base)

**Indications**
- Chickens, Ducks and Turkeys: Non-specific enteritis, salmonellosis, colibacillosis, and blue comb disease
- Swine, Calves, Horses, Cattle, Sheep and Goats: White scours, Colibacillosis, Dysentery, Vibronic enteritis, and Salmonellosis
- Mink: Bacterial enteritis and diarrhea

**Dosage & Administration**
0.35~0.66 kg / ton of feed for 2~3 days

**Package**
1kg, 5kg, 10kg
**FLUVET PREMIX**

**FLUVET PREMIX** is a highly effective antibiotic against swine respiratory diseases caused by *Actinobacillus pleuropneumoniae*, *Hamophilus* and *Pasteurella* spp. It also has an activity against penicillin, aminoglycoside, or thiamphenicol-resistant strains of bacteria.

- Short withdrawal period
- Relatively non-toxic and highly safe margin
- Cost effectiveness

**Composition**  Each kg contains Florfenicol 20g

**Indications**
- Swine  Prevention and Treatment of Pleuropneumonia caused by *Actinobacillus pleuropneumoniae*

**Dosage & Administration**
- Swine  Orally administer after mixing with feed at the rate of 1−2kg / ton of feed(20−40ppm as Florfenicol)

**Package**  1kg, 5kg, 20kg

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**FLUVET 30 PREMIX**

**Composition**  Each kg contains Florfenicol 30g

**Indications**
- Swine  For treatment of *Actinobacillus pleuropneumoniae*

**Dosage & Administration**
- Swine  Florfenicol 20−40g(Fluvet Premix : 667g−1.33kg per feed of ton)

**Package**  1kg, 5kg, 10kg, 20kg
**FLUVET 40 PREMIX**

*FLUVET 40 PREMIX* is a highly effective antibiotic against swine respiratory diseases caused by *Actinobacillus pleuropneumoniae, Hamophilus and Pasteurella spp.* It also has an activity against penicillin, aminoglycoside, or thiamphenicol-resistant strains of bacteria.

- Short withdrawal period
- Relatively non-toxic and highly safe margin
- Cost effectiveness

**Composition**
Each kg contains Florfenicol 40g

**Indications**
- Swine  Prevention and Treatment of Pleuropneumonia caused by *Actinobacillus pleuropneumoniae*

**Dosage & Administration**
- Swine  Orally administer after mixing with feed at the rate of 0.5~1kg / ton of feed (20~40ppm as Florfenicol)

**Package**
1kg, 5kg, 20kg

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**FLUVET 400 INJECTABLE**

**Composition**
Each ml contains Florfenicol 400mg

**Indications**
- Pneumonia caused by *Pasteurella haemolytica, Pasteurella multocida, Haemophilus somnus, Actinobacillus pleuropneumoniae*
- Diarrhea caused by *E.coli, Salmonella*
- Foot rot (*Fusobacterium necrophorum, Bacteroides nodosus, Bacteroides melanogenius*)
- Infectious bovine keratoconjunctivitis

**Dosage & Administration**
- Cattle  1ml/20kg B.W. IM on the neck around muscle at 48 hrs interval
- Swine  1ml/30kg B.W. IM on the neck around muscle at 48 hrs interval

**Package**
50ml, 100ml
**CEDIUM**

**Composition** Each g contains Ceftiofur sodium 1,000mg

**Indications**
Treatment and prevent of following infection
- **Cattle** For treatment of bovine respiratory disease (shipping fever, pneumonia) associated with Pasteurella haemolytica, Pasteurella multocida and Haemophilus somnus.
  - For treatment of acute bovine interdigital necrobacillosis (foot rot, pododermatitis) associated with Fusobacterium necrophorum and Bacteroides melaninogenicus.
- **Swine** For treatment/control of swine bacterial respiratory disease (swine bacterial pneumonia) associated with Actinobacillus (Haemophilus) pleuropneumoniae, Pasteurella multocida, Salmonella choleraesuis and Streptococcus suis type2.
- **Day-Old Chicken** For the control of early mortality, associated with E.coli organisms susceptible to ceftiofur, in day-old chicks.

**Dosage & Administration**
- **Cattle** 1.1-2.2mg/kg Body weight
- **Swine** 3-5mg/kg Body weight
- **Day-Old Chicken** 0.08-0.2mg/chick

**Package** 1g, 4g vial

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**CEFNOM INJECTABLE**

**Composition** Each ml contains Cefquinome sulfate 25mg(potency)

**Indications**
- **Cattle** For treatment of bovine respiratory disease associated with Pasteurella haemolytica and Pasteurella multocida susceptible to Cefquinome
- **Swine** For treatment/control of swine respiratory diseases (swine bacterial pneumonia) caused by Actinobacillus (Haemophilus) pleuropneumoniae, Pasteurella multocida, Haemophilus parasuis and Streptococcus suis.
  - For the treatment of MMA caused by E. coli, Staphylococcus spp. and Streptococcus spp.

**Dosage & Administration**
- **Cattle** Administer 2ml(Cefquinome 50mg)/50kg body weight I.M. for 3-5 consecutive days.
- **Swine** Administer 2ml(Cefquinome 50mg)/25kg body weight I.M. for 3 consecutive days.

**Package** 50ml, 100ml
GENTAMAX LA

**Composition**  Each ml contains Gentamicin sulfate 250mg

**Indications**
- **Cattle** For treatment of mastitis, endometritis, cystitis, nephritis, dermatitis, shipping fever, brucellosis, hemorrhagic septicemia, bacterial diarrhea and various bacterial disease
- **Swine** For treatment of neonatal diarrhea, dysentery, pneumonia, enteritis, erysipelas, colo-diarrhea, salmonellal diarrhea, atrophic rhinitis and various bacterial disease

**Dosage & Administration**
Inject 0.2–0.5mL per 10kg of body weight intramuscularly once per 2–3 days using a little thick needle as follows:
- **Cattle** Inject deep in buttocks, femoral region or cervical region.
- **Swine** Inject deep in buttocks.
- **Swine** Inject deep and subcutaneously in back region of ear in order to reduce a local stimulus

**Package**  10ml, 20ml, 50ml, 100ml

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ENROPRO LA

**Composition**  Each ml contains Enrofloxacin 100mg

**Indications**
- **Cattle** Pasteurella haemolitica, Pasteurella multocida, Haemophilus somnus, Mycoplasma spp.
- **Swine** Actinobacillus pleuropneumoniae, Pasteurella multocida, Haemophilus parasuis, Streptococcus suis, Bordetella bronchiseptica

**Dosage & Administration**
- **Cattle** 7.5mg/kg BW(7.5ml/100kg BW) IM of SC once
- **Swine** 7.5mg/kg BW(7.5ml/100kg BW) IM or SC once

**Package**  50ml, 100ml
**COLISTY 40**

**Composition**  Each kg contains Colistin sulfate 66.4g (Colistin 40g potency)

**Indications**
- Prevention and treatment of diarrhea of sucking pig and calf, protection of productivity reduction
- Growth promotion and improvement of FCR in chicken, piglet and calf

**Dosage & Administration**
- Swine  50~1,000g/ton of feed
- Chicken  50~500g/ton of feed
- Cattle  125~1,000g/ton of feed

**Package**  1kg, 5kg, 10kg, 20kg

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**COLISTY 100**

**Composition**  Each kg contains Colistin sulfate 166g (Colistin 100g potency)

**Indications**
- Prevention and treatment of diarrhea of sucking pig and calf, protection of productivity reduction
- Growth promotion and improvement of FCR in chicken, piglet and calf

**Dosage & Administration**
- Swine  20~400g/ton of feed
- Chicken  20~200g/ton of feed
- Cattle  50~400g/ton of feed

**Package**  1kg, 5kg, 10kg, 20kg
**CLOTERIN PREMIX**

**Composition** Each kg contains Chlortetracycline Hydrochloride 200g(potency)

**Indications**
Prevention and treatment of various diseases caused by bacteria susceptible to chlortetracycline as follows:

- **Swine**
  - Prevention of Pasteurella Pneumonia (*Pasteurella multocida*), Cervical Abscess (*Streptococcus pyogenes*).
  - Prevention of miscarriage by Leptospirosis(*Leptospira interrogans* serovar *Pomona*).
- **Chicken**
  - Prevention of Chronic Respiratory Disease(*Mycoplasma gallisepticum*), Air Sacculitis(*Mycoplasma gallisepticum*, *Escherichia Coli*).
  - Prevention of Colibacillosis(*Escherichia coli*), Coccidiosis(*Eimeria tenella*, *Eimeria necatrix*).
  - Treatment of Salmonellosis(*Salmonella typhimurium*).

**Dosage & Administration**

- **Swine** 275g~2,200g/ton of feed
- **Chicken** 1,100g~6,600g/ton of feed

**Package** 1kg, 5kg, 10kg, 20kg

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**TYPERSIN PREMIX**

**Composition** Each kg contains Tylosin Phosphate 250g(potency)

**Indications**
- For maintaining of weight gain rate and feed efficiency
- For decrease of occurrence and symptoms of Mycoplasmal pneumonia(*Mycoplasma hyopneumoniae*), Bacterial pneumonia(*Pasteurela multocida*, *Actinomyces pyogens*).
- Swine dysentery(*Serpulina hyodysenteriae*)
- Proliferative ileitis(*Lawsonia intracellularis*)

**Dosage & Administration**
- Mycoplasmal pneumonia, Bacterial pneumonia
  - Administer mixture at the ratio of 440g of product per 1M/T of feed orally for 21 consecutive days.

**Package** 1kg, 5kg, 10kg, 20kg
**TYPERSIN SP**

**Composition**  Each kg contains Tylosin Tartrate 100g (potency)

**Indications**
For treatment of bacterial disease caused by microorganisms susceptible to Tylosin
- **Poultry**  Chronic respiratory disease (*Mycoplasma gallisepticum*)
- **Swine**  Pneumonia, Dysentery (*Serpulina hyodysenteriae*), Ileitis,

**Dosage & Administration**
- **Poultry**  Administer the diluted solution at the ratio of 2.5~5.0g of product per 1L of drinking water (250~500mg as Tylosin) per day orally for 5 consecutive days.
- **Swine**  Administer the diluted solution at the ratio of 2.5g of product per 1L of drinking water (250mg as Tylosin) per day orally for 5 consecutive days.

**Package**  100g, 500g, 1kg, 5kg

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**TIAPRO PREMIX**

**Composition**  Each kg contains Tiamulin hydrogen fumarate 39g (potency)

**Indications**
- **Swine**  Treatment and prevention of Enzootic Pneumonia, Swine dysentery, Ileitis. Improve feed efficiency and Growth promotion.
- **Poultry**  Treatment and prevent of Chronic respiratory diseases (CRD, CCRD), Arthritis. Improve fertilization and hatchability and producing chick without infection of CRD.

**Dosage & Administration**
- Treatment of pneumonia 5kg / ton of feed
- Prevent of pneumonia 1.25kg / ton of feed
- Treatment of Swine dysentery 4.6kg / ton of feed
- Prevent of Ileitis 1kg / ton of feed
- Treatment of Ileitis 3~4kg / ton of feed
- Growth promote and improve feed efficiency 0.25~1kg / ton of feed

**Package**  1kg, 5kg, 10kg, 20kg
TIAPRO INJECTABLE

**Composition**  Each ml contains Tiamulin 100mg (potency)

**Indications**
- Treatment and prevention of pig and poultry diseases caused by the organisms sensitive to Tiamulin.
- Treatment of Swine dysentery, Enzootic pneumonia and Mycoplasmal arthritis.

**Dosage & Administration**
- Treatment of Swine dysentery 1ml per 10kg (B.W) for 2 consecutive days
- Treatment of Mycoplasmal arthritis 1ml per 10kg (B.W) for 3 consecutive days
- Treatment of Enzootic pneumonia 1~1.5ml per 10kg (B.W) for 3 consecutive days

**Package**  10ml, 20ml, 50ml, 100ml, 250ml

MAFLOX 10% INJECTABLE

**Composition**  Each ml contains Marbofloxacine 100mg (potency)

**Indications**
- **Cattle**  For treatment of bovine Pasteurella pneumonia (*Pasteurella haemolytica* and *Pasteurella multocida*), Mycoplasmal pneumonia (*Mycoplasma bovis*) and acute Mastitis (E. coli) susceptible to Marbofloxacine
- **Swine**  For treatment of pneumonia caused by *Actinobacillus pleuropneumoniae*, *Bordetella bronchiseptica* and *Pasteurella multocida*, susceptible to Marbofloxacine

**Dosage & Administration**
- **Cattle**  Administer 1ml (Marbofloxacin 100mg) / 50kg body weight I.M. for 3~5 consecutive days.
- **Swine**  Administer 1ml (Marbofloxacin 100mg) / 50kg body weight I.M. for 3 consecutive days.

**Package**  20ml, 50ml, 100ml, 250ml
HEAT 600

- Presented as a freeze dried powder to reconstitution with a diluent provided
- Combination of PMSG and HCG works naturally occurring reproductive hormones like FSH and LH
- Induces heating in prepuberal gilts and weaned sows

**Composition**  Each vial contains PMSG 400 I.U. and HCG 200 I.U.

**Indications**
- Sows and gilts
  - Treatment of anoestrus in multiparous sows
  - Improvement of litter size and conception rate
  - Early pregnancy diagnosis
  - Induction of heating and regulation of estrus cycle

**Dosage & Administration**
- Sows and gilts
  - One dose (5ml) of the reconstituted product by subcutaneous injection on the rear part of the ear

**Package**  (5ml single dose vial + 5ml diluent vial) / set
HEAT 5X

• High content for 5 sows with one vial (10ml)
• Combination of PMSG and HCG works naturally occurring reproductive hormones like FSH and LH
• Induces heating in prepuberal gilts and weaned sows

Composition
Each vial contains PMSG 2,000 I.U. and HCG 1,000 I.U.

Indications
• Sows and gilts
  Treatment of anoestrus in multiparous sows
  Improvement of litter size and conception rate
  Early pregnancy diagnosis
  Induction of heating and regulation of estrus cycle

Dosage & Administration
• Sows and gilts
  Administer 2ml of the reconstituted product by subcutaneous injection on the rear part of the ear

Package (10ml 5 doses vial + 10ml diluent vial) / set
**PROLIN**

- Natural PGF$_{2\alpha}$ (Dinoprost) for injection

**Composition**
Each ml contains Dinoprost tromethamine 5 mg (potency)

**Indications**
- **Cattle**
  1) Unobserved or non-detected estrus
  2) Treatment of endometritis and pyometra
  3) Luteal cysts & permanent luteal disease
  4) Expulsion of dead fetus or mummified fetus
  5) Retained placenta
  6) Induction of abortion and early farrowing
- **Swine**
  1) Induction of parturition
  2) Hasten return to estrus after weaning and improve conception rate of sows in the herd with reproductive problem

**Dosage & Administration**
- **Cattle** 5ml by intramuscular injection for single injection
- **Swine** Administer 2ml by I.M. to induce parturition in swine within 3 days of the normal predicted farrowing date
  To postpartum use 2ml by I.M. within 24~48 hours after farrowing

**Package** 10ml, 30ml vials
**DINORIN**

- Clear solution of Cloprostenol sodium (synthetic prostaglandin analogue structurally related to prostaglandin F₂α - PGF₂α) for injection

**Composition**
Each ml contains 100μg of Cloprostenol as sodium

**Indications**
- **Cows** Control of estrus and ovulation, Synchronize the estrus cycle
  Treatment of cows having a functional corpus luteum but do not express behavioral estrus
  Termination of abnormal pregnancy
  Treatment of chronic metritis and pyometra
  Routine use in the early postpartum period to remove luteal cysts
- **Sows** Induction of parturition

**Dosage & Administration**
- **Cows** 5ml, I.M.
- **Sows** 1.75ml, I.M.

**Package** 10ml, 30ml vials

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**DINORIN SOW**

- Clear solution of Cloprostenol sodium (synthetic prostaglandin analogue structurally related to prostaglandin F₂α - PGF₂α) for injection

**Composition**
Each ml contains 87.5μg of Cloprostenol as sodium

**Indications**
- **Sows** Induction of parturition

**Dosage & Administration**
- **Sows** 2ml, I.M.

**Package** 10ml, 30ml vials
Hormones

DINOPLUS

- Clear solution of Cloprostenol sodium (synthetic prostaglandin analogue structurally related to prostaglandin F<sub>2α</sub> - PGF<sub>2α</sub>) for injection

**Composition** Each ml contains 250µg of Cloprostenol as sodium

**Indications**

- **Cows**  
  Control of estrus and ovulation  
  Synchronization of the estrus cycle  
  Treatment of cows having a functional corpus luteum but do not express behavioral estrus  
  Termination of abnormal pregnancy  
  Treatment of chronic metritis and pyometra  
  Routine use in the early postpartum period to remove of luteal cysts

- **Sows**  
  Induction of parturition

**Dosage & Administration**

- **Cows**  
  Single or repeat doses of 2ml (500µg), I.M.

- **Sows**  
  0.7mg(175µg), I.M.

**Package**  
4ml, 10ml, 20ml vials
Hormones

GONADON

- Clear colorless solution of Gonadorelin for injection
- Gonadorelin is a deca-peptide identical to the natural Gonadotrophin Releasing Hormone (GnRH)
- Endocrinial product for cows and sows

Composition
Each ml contains 100µg of Gonadorelin as acetate

Indications
- **Cows**  Treatment of Cystic ovarian disease, Anestrus, Delayed ovulation and Anovulation. Improvement of conception rate at the time of artificial insemination and estrus synchronization
- **Sows**  Induction of ovulation, Estrus synchronization and Improvement of fertility

Dosage & Administration
- **Cows**  5ml (500µg) for the treatment of Ovarian cyst or 2.5ml (250µg) to stimulate Ovulation
- **Sows**  1ml (100µg) 2~3 hours before insemination

Package  10ml, 20ml vials

CONTROL

- Luteinizing Hormone-Releasing Hormone (LH-RH)
- Large amount of LH can be released 1-2 hours after injection
- Works same as the natural GnRH
- Highly stable and safe
- No immune response or hypersensitivity despite repeated injections

Composition
Each ml contains 20µg of Fertirelin acetate

Indications
- **Cows**  For the treatment of Ovarian follicular cysts, Delayed ovulation and Anovulation
  Improvement of conception rate at the time of artificial insemination

Dosage & Administration
- **Cows**  5ml-10ml, I.M.

Package  10ml, 20ml vials
**QUINTROL**

- Clear colorless solution of Fertirelin for injection
- Luteinizing Hormone-Releasing Hormone (LH-RH)
- Large amount of LH can be released 1~2 hours after injection
- Works same as the natural GnRH
- Highly stable and safe
- No immune response or hypersensitivity despite repeated injections

**Composition**
Each ml contains 50μg of Fertirelin acetate

**Indications**
- **Cows** For the treatment of Ovarian follicular cysts, Delayed ovulation and Anovulation Improvement of conception rate at the time of artificial insemination

**Dosage & Administration**
- **Cows** 2 ~ 4ml, I.M.

**Package** 4ml, 10ml, 20ml vials

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**MELEN-PRO**

- Melengestrol acetate (MGA), main ingredient of MELEN-PRO Premix, is a hormone approved as a feed additive by U.S. FDA for estrus inhibition and improvement of weight gain and feed efficiency in heifers
- MGA can inhibit estrus 300-900 times stronger than Progesterone and Medroxy progesterone acetate by suppressing Luteinizing hormone

**Composition**
Each kg contains 220mg of Melengestrol acetate

**Indications**
- **Heifer** Estrus Inhibition, Improvement of weight gain and feed efficiency Improvement of conception rate and Estrus synchronization

**Dosage & Administration**
- **Heifer** 0.9~2.3g (0.2~0.5mg of MGA) / head / day Mixing with feed or top dressing on the feed

**Package** 1kg, 5kg
**PHOENYX** is a natural veterinary product newly developed in Korea. PHOENYX is a biopolymer product and stimulates the innate immune system.

**Features**
- The first natural injection to control PRRS virus, BVDV, PI3-V, BRSV [Not Vaccine]
- Prevent virus shedding and spreading after injection
- Strong non-specific immune stimulator by activation of innate immune system
- Fast and long acting after injection
- No residue

**Composition**
Each ml contains
Poly-gamma-Glutamic Acid .......................... 20.0mg

**Indications**
Immune stimulation against respiratory diseases associated with PRRS virus in pigs and BVDV, PI3-V, BRSV in cattle

**Dosage & Administration**
Suckling piglets: 2~3ml by I.M.
Weaned pigs ~ Growing pigs: 5ml by I.M.
Sows, Boars, Finisher: 7ml by I.M.
Calves: 5ml by I.M.
Adult cattle: 10ml by I.M.

**Withdrawal period** 0 day

**Package** 100ml, 250ml, 500ml
**FORTIS (NSAIDs)**

Flunixin meglumin is a potent, non-narcotic, non-steroidal, analgesic agent with anti-inflammatory and anti-pyretic activity.

**Composition**
Each ml contains 50mg of flunixin meglumin.

**Indications**
To alleviate inflammation, fever and pain.

**Dosage & Administration**
- Cattle: 2 ml per 45kg body weight once daily, I.V or I.M for 3 days
- Swine: 2 ml per 45kg body weight once daily, I.M for 3 days
- Horses: 1 ml per 45kg body weight once daily, I.V or I.M for 5 days

**Package** 50ml, 100ml

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**KETONMEX 10% INJECTABLE**

Composition: Each ml contains Ketoprofen 100mg.

**Indications**
- Cattle: musculoskeletal system, traumas, respiratory infections, acute mastitis, edema of the mammary, antifebrile, antiphlogistic and analgesic of colics.
- Horse: musculoskeletal system, claudication from traumas, arthritis, shinsplints, myositis, antifebrile, antiphlogistic and analgesic of inflammation.

**Dosage & Administration**
- Cattle: 3 ml / 100 kg body weight for 1~3 days(I.V., I.M.)
- Horse: 1 ml / 45 kg body weight for 3~5 days(I.V., I.M.)

**Package** 50ml, 100ml
composition
Each ml contains 40mg of Azaperone

indications
- Prevention and control of aggressiveness on sows and piglets after regrouping
- Treatment of animals in stress condition caused by transportation
- Use in obstetrical practice for decreasing stress condition of animals specifically during farrowing, operations, in cases of pathologic strain
- Premedication before local and general anesthesia for reinforcement of its action

dosage & administration
- Swine 0.4 ~ 2mg per kg of body weight, I.M. on the back side of ear

package 50ml, 100ml
POVEX is a synthetic anthelmintic with activity against a broad spectrum of gastrointestinal worms and lungworms.

**Composition**
Each kg contains 67.5g of oxendazole

**Indications**
Treatment and control of gastrointestinal roundworms, lungworms and urinary nematodes in pigs and cattle
- Cattle: *Ostertagia spp, Trichostrongylus axei, Haemonchus spp, Cooperia spp, Moniezia spp, Capillaria spp, Chabertia spp, Trichuris spp, Nematodirus spp, Oesophagostomum spp, Dictyocaulus spp*
- Swine: *Ascaris suum, Haemonchus contortus, Metastrongylus spp, Oesophagostomum spp, Stephanurus dentatus, Trichuris suis*

**Dosage & Administration**
- Cattle: 2g per 45kg body weight, mixing with feed or top dressing on the feed
- Swine: 1g per 15kg body weight, mixing with feed or top dressing on the feed

**Package**
100g, 500g, 1kg

ANTIP PREMIX

Prevention and treatment of internal & external parasites in swine.

**Composition**
Each kg contains Ivermectin 2g

**Indications**
For the treatment & prevention of internal & external parasites as follows in swine:
- Roundworm: *Ascaris suum, Nematodes: Haemonchus contortus, Lungworm: Metastrongylus spp, Lice: Haematopinus suis, Mites: Sarcoptes scabiei var. suis*

**Dosage & Administration**
- Swine: Orally administer after mixing with feed at the rate of followings
  - Piglet(-40kg): 1kg / ton of feed
  - Growing pig(40-100kg): 1.2kg / ton of feed
  - Sow(200kg): 3-5 kg / ton of feed
  - Boar(250kg): 4-5 kg / ton of feed

**Package**
1kg, 5kg, 20kg
FERRUM4U-200 is a stable sterile solution containing 200mg/ml of elemental iron. It is used for the prevention and treatment of iron deficiency causing anemia in piglets and other animals.

Composition
Each ml contains
Iron Dextran ................................................. 200mg (potency)

Indications
- Swine  Prevention and treatment of anemia caused by iron deficiency in piglets

Dosage & Administration
- Swine  1ml per piglet at 3 days of age by I.M.

Package  100ml
**Sedatives**

**MEDETIN**

**MEDETIN**, a non-narcotic sedative and analgesic, is a potent $\alpha_2$-adrenoceptor agonist

**Composition** Each ml contains Medetomidine hydrochloride 1mg

**Indications**
Restraint, sedation and analgesia associated with clinical examinations and procedures, minor surgery and preanesthesia in dogs

**Dosage & Administration**
Administer by I.M, I.V. and S.C.
The effect is most rapid after I.V. administration and slowest after S.C. administration
Injection of the drug can be repeated if necessary
- For sedation  Dogs: 0.01–0.08ml (10–80 $\mu g$) / kg
- For preanesthesia
  - Combination with Thiobarbiturate or Halothane: Dogs - 0.01–0.04ml (10–40 $\mu g$) / kg
  - Combination with Ketamin: (2–4mg / kg): Dogs - 0.04–0.08ml (40–80 $\mu g$) / kg

**Package** 10ml vial

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**Antagonist**

**ANTIMEDIN**

**ANTIMEDIN**, a potent $\alpha_2$-receptor antagonist, will reverse the effects of medetomidine (MEDETIN)
Clinically, the MEDETIN-sedated animals regain consciousness and their heart rate returns to the normal level

**Composition** Each ml contains Atipamezole hydrochloride 5mg

**Indications** Reversal of the clinical effect of medetomidine (MEDETIN) in dogs

**Dosage & Administration**
Administer by I.M. The dosage depends on that of medetomidine (MEDETIN)

<table>
<thead>
<tr>
<th>Animal</th>
<th>Product</th>
<th>Dose ml / 10kg ($\mu g$ / kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dogs</td>
<td>Medetin</td>
<td>0.2 (20) 0.4 (40) 0.8 (80)</td>
</tr>
<tr>
<td></td>
<td>Antimedin</td>
<td>0.25 (120) 0.4 (200) 0.6 (320)</td>
</tr>
</tbody>
</table>

Administer Antimedin in 15–60 minutes after Medetin administration and the animal returns to the normal condition in 5–10 minutes

**Package** 5ml, 10ml, 20ml vials
**XYLAN**

XYLAN belongs to a class of drugs known as α₂-adrenergic agonist and a sedative that provides pain relief as well as muscle relaxation. The effects can be seen within 10~15 min. after I.M. and 3~5 min. after I.V. The analgesia associated with xylazine only lasts 15~30 min. but sedation can last 1~2 hours. Complete recovery can take 2~4 hours.

**Composition**
Each ml contains Xylazine hydrochloride 100mg (potency)

**Indications**
Restraint, sedation and muscle relaxation in deer and horse

**Dosage & Administration**
Administer I.M. or I.V.
- **Horse**
  - Administer 1.0~2.2ml / 100kg (Xylazine 1.0~2.2mg / kg) by I.M.
  - Administer 0.5ml~1.1ml / 100kg (Xylazine 0.5~1.1mg / kg) by I.V.
- **Deer**
  - Administer 0.5~4.0ml / 100kg (Xylazine 0.5~4.0mg / kg) by I.V.
  - Administer 0.25ml~2.0ml / 100kg (Xylazine 0.25~2.0mg / kg) by I.V.

**Package**
10ml, 20ml, 50ml, 100ml

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**XYLBINE**

XYLBINE is for the reversal of the clinical effect of xylazine in deer. XYLBINE acts by influencing cholinergic, serotonergic, dopaminergic and aminobutyric acid receptor related benzodiazepine antagonisable mechanisms.

**Composition**
Each ml contains Yohimbine hydrochloride 10mg

**Indications**
Reversal of xylazine induced anesthesia in deer

**Dosage & Administration**
Administer by I.V.
- **Deer**
  - 2.0~2.5ml / 100kg

**Package**
20ml, 50ml, 100ml
EQUADIN is a highly potent α₂-adrenoceptor agonist in CNS Analgesic effect and inhibition of pain impulse transmission in CNS

EQUADIN has a sedative-tranquilizing effect but not a hypnotic substance

Composition
Each ml contains
Detomidine hydrochloride .................................................. 10mg

Indications
- Sedation of horse and cattle
  - Minor surgical operations, examinations, transports, treatment and medication

Dosage & Administration
Administer by I.M or I.V.
- For sedation

<table>
<thead>
<tr>
<th>Dose</th>
<th>Effect</th>
<th>Effect starts, min.</th>
<th>Duration of effect, min.</th>
</tr>
</thead>
<tbody>
<tr>
<td>µg/kg</td>
<td>ml/100kg</td>
<td></td>
<td></td>
</tr>
<tr>
<td>20–40</td>
<td>0.2–0.4</td>
<td>Tractableness</td>
<td>3–5</td>
</tr>
<tr>
<td>40–80</td>
<td>0.4–0.8</td>
<td>Sedation, Analgesia</td>
<td>2–5</td>
</tr>
</tbody>
</table>

- To prolong the effect (2~6 hours), 0.8~1.5ml/100kg can be administered
- Administration can be repeated after 15 minutes if necessary

Package 5ml, 10ml, 20ml vials
DIERCON is for the reversal of the clinical effect of fentanyl, azaperone, xylazine in deer
Yohimbine in DIERCON acts by influencing cholinergic, serotonergic, dopaminergic and aminobutyric acid receptor related benzodiazepine antagonisable mechanisms
Naloxone in DIERCON is a specific antidote for fentanyl citrate

**Composition**
Each ml contains
Yohimbine hydrochloride .......................................................... 10mg
Naloxone hydrochloride ............................................................ 0.1mg

**Indications**
Reversal of fentanyl, azaperone, xylazine induced anesthesia in deer

**Dosage & Administration**
Administer by I.V.
- Deer : 2.0~2.5ml / 100kg

**Package** 20ml, 50ml, 100ml
GUARDIZEN

- Uniquely formulated nutritional and immunological additive for puppies containing immunoglobulin yolk (IgY)
- The probiotic compound contains live cultures of 7 strains of probiotics, one mold and one fungal strain
- IgY has been produced using egg yolk from the hens following repeated immunization against 5 major viral diseases in puppy
- Specific antibodies (DHPPC) of canine distemper virus, infectious canine hepatitis virus, canine parovirus, canine parainfluenza virus, and canine corona virus have been patented in the Republic of Korea (patent #2002-0068923)
- Sweet taste yellowish powder

GUARDIZEN can maintain a healthy gut flora, assists digestion and enhances the resistance to infection of pups during critical periods of life. Supplies contagious disease antibodies (IgY) to pups and keep young pups healthy by passive immunity.

Composition
- Each g contains
  Concentrated powder: 33.3mg (min. 6 x 10^7 CFU)
  Lactobacillus plantarum, Lactobacillus bulgaricus, Lactobacillus rhamnosus,
  Lactobacillus acidophilus, Bifidobacterium bifidum, Streptococcus thermophilus
  Enterococcus faecium, Aspergillus oryzae, Candida piritolopesii
  Yolk powder (DHPPC IgY included): 966.7mg

Indications
Use at times of stress such as traveling, castration, worming, vaccination, and an aid to control nutritional scour.

Dosage & Administration
- Dogs: 1g / head / day, Mix with feed or drinking water

Package: 14g (1g × 14), 7g (1g × 7), 100g
ANIGUARD

- Highly effective against FMD (U.K. Pirbright approved), AI, Hog Cholera
- Very safe enough to be sprayed directly on the animal body
- Working under tough conditions including in the presence of dirt, blood, dried milk and hard water
- 100% bio-degradable and environment-friendly
- A brand new concept disinfectant as powder form

Composition
Each kg contains 500g of NADCC

Indications
- Virus  FMD virus, AI virus, ND virus, Hog Cholera virus, PRRS virus
- Bacteria  Salmonella typhimurium, Brucella ovis
  Disinfecting animal body, housing and husbandry appliances

Dosage & Administration
- Dilute and disinfect in the ration appropriate to the target organisms
- Evenly spray on the target area until it gets wet
- Dilution ratio for virus ranges is 300-1,000 times
- Dilution ratio for bacteria ranges is 125-300 times
- In the presence of heavy organisms, dilution rate is only 125 times (1kg / 125 litter of water)

Package  1kg bottle
**ALIPAMIN 100 INJECTABLE**

- Metabolic stimulant producing ATP
- Apply to cattle, lambs, sheep, horses, pigs, dogs, chickens and cats
- Remarkable effects immediately after injection
- Clear yellowish liquid

**Composition**
Each ml contains Thiamine Tetrahydrofurfuryl Disulfide hydrochloride (TTFD) 5mg (base) and Glucose 0.4g

**Indications**
Prevention and treatment of vitamin B1 deficiency
Effective after severe exercise, transportation, sunstroke, heatstroke, Nervous disorder, Ketosis, Neuralgia, Arthralgia, Muscle pain, Downer cow syndrome

**Dosage & Administration**
- Cattle & Horses 10~100ml / day, I.V. or I.M.
- Swine, Lambs, Sheep 2~50ml / day, I.V. or I.M.
- Dogs & Cats 2~20ml / day, I.M. or S.C.

**Package** 50m, 100ml
GUARDIZEN M

Composition
Each kg contains
- Mixed Probiotics Concentrates .......................... 5.6 g (min. 1 x 10^9 CFU)
  * Lactobacillus plantarum, Lactobacillus bulgaricus, Lactobacillus rhamnosus,
  * Lactobacillus acidophilus, Bifidobacterium bifidum, Streptococcus thermophilus
  * Enterococcus faecium, Aspergillus oryzae, Candida pinitolopesii
- Lactose or Dextrose ........................................ 994.4 g

Indications
Growth promotion, improvement of feed efficacy, prevention of diarrhea and stress,
decrease of stink in cattle, pigs, chicken, goats and sheep

Dosage & Administration
Mix in feed or drinking water as follows.
- Calves  1g / head / day or 750g / ton of feed
- Suckling piglets  2g / head / day or 1500g / ton of feed
- Weaned pigs  2g / head / day or 750g / ton of feed
- Sows, Finishers  2g / head / day or 750g / ton of feed
- Broilers, Layers  1000g / ton of feed
※ In stress cases, dosage rate could be doubled during 5 days

Package  100g, 1Kg, 5Kg
BIOTEXIN

Composition
Each kg contains Bacillus subtilis, Bacillus coagulans and clay mineral

Indications
- Promote growth rate
- Improve carcass quality
- Decrease outbreak of disease
- Improve feed efficiency
- Decrease the offensive odor and harmful gas

Dosage & Administration
- Swine 500 g ~1 kg / ton feed routine using
- Poultry 500 g ~1 kg / ton feed routine using

Package 1kg, 5kg, 10kg, 20kg

GUARD PRO

Composition
Each kg contains Lactobacillus plantarum, Bifidobacterium bifidum, Aspergillus oryzae and Multi-enzyme

Indications
Cattle, pigs, poultry, goat and sheep: growth promotion, improving feed conversion rate, preventing diarrhea and stress, decrease of stink

Dosage & Administration
Cattle, Pigs, Poultry, Goat and Sheep: Orally administer 1kg per ton of feed.

Package 1kg, 5kg, 10kg, 20kg
**TOXINEL**

- Mycotoxin removal in feed
- Improvement of growth rate and FCR

**Composition**
Bacillus subtilis and microorganism culture, Alumino silicate, Seaweed and plant extract

**Indications**
Prevention of diseases caused by mycotoxin in feed Improvement of growth rate and FCR

**Dosage & Administration**
Orally administer after mixing with feed at the rate of 0.5 ~ 1kg per ton of feed

**Package**  5kg, 25kg

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**ENERMAX 70**

- Bioactive hydrophilic emulsifier

**Composition**
Each kg contains SSL(Sodium Stearoyl Lactylate) 70%

**Indications**
Improvement of digestibility of fat and other nutrients in feed Improvement of growth rate and FCR Increase of the production and egg size of the layers Efficiency improvement in high-energy, high-fat diet

**Dosage & Administration**
Feed after mixing at the rate of 0.5 ~ 1kg per ton of feed

**Package**  25kg