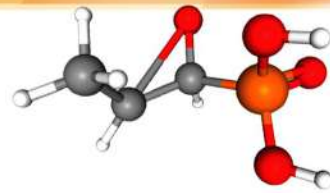


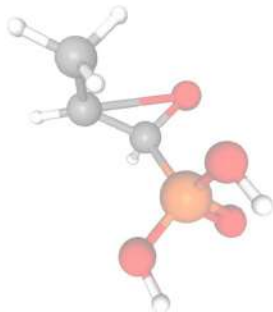
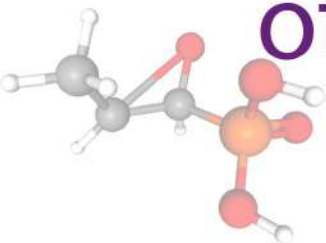
Fosgrin®

Antibiotics to treat Colibacillosis



Containing Fosfomycine

The **NEW ERA** of **THERAPY**



AGRINUSA
PT. AGRINUSA JAYA SANTOSA





Indications

Broad-spectrum antibiotic that is effective in treating infections caused by gram-positive bacteria and some gram-negative bacteria.

Benefits

- **FOSGRIN** is small-molecule antibiotic which can penetrate organs with minimal blood vessels such as; the air sac, joints and brain
- It is effective against colibacillosis in poultry
- The carrier substance of **FOSGRIN** attracts bacteria to consume it, so the antibiotic works effectively and reduces probability of resistance

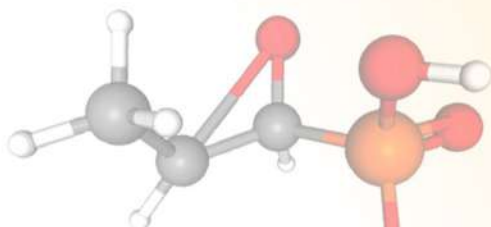
Composition

Each kilogram contains;

Fosfomycine 250 g

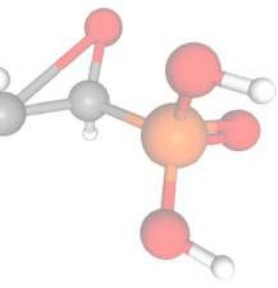
Packing Size

- 100 g
- 1 kg
- 10 kg @100g



**FOR VETERINARY USE ONLY
VETERINARY PRESCRIPTION IS REQUIRED**





The Result of Antibiotic Sensitivity Test (Disc method):

Isolate	Inhibition Zone (mm)	Source of Isolate	Result
<i>E. coli</i> (Liver)	21,19	Female commercial layer	Sensitive
<i>Staphylococcus aureus</i> (Heart)	20,66	Female commercial layer	Sensitive
<i>Staphylococcus, spp</i> (Heart)	46,10	Commercial broiler	Sensitive
<i>Staphylococcus aureus</i> (Spleen)	22,74	Male commercial layer	Sensitive
<i>Salmonella spp</i> (Liver)	33,61	Male commercial layer	Sensitive
<i>E. coli</i> (Heart)	30,35	Commercial broiler	Sensitive
<i>E. coli</i> (Heart)	25,82	Female commercial layer	Sensitive
<i>E. coli</i> (Heart)	34,74	Female commercial layer	Sensitive
<i>Staphylococcus aureus</i> (Liver)	28,76	Commercial broiler	Sensitive
<i>E. coli</i> (Lung)	21,52	Male commercial layer	Sensitive
<i>E. coli</i> (Lung)	28,23	Female commercial layer	Sensitive
<i>E. coli</i> (Lung)	20,83	Female commercial layer	Sensitive

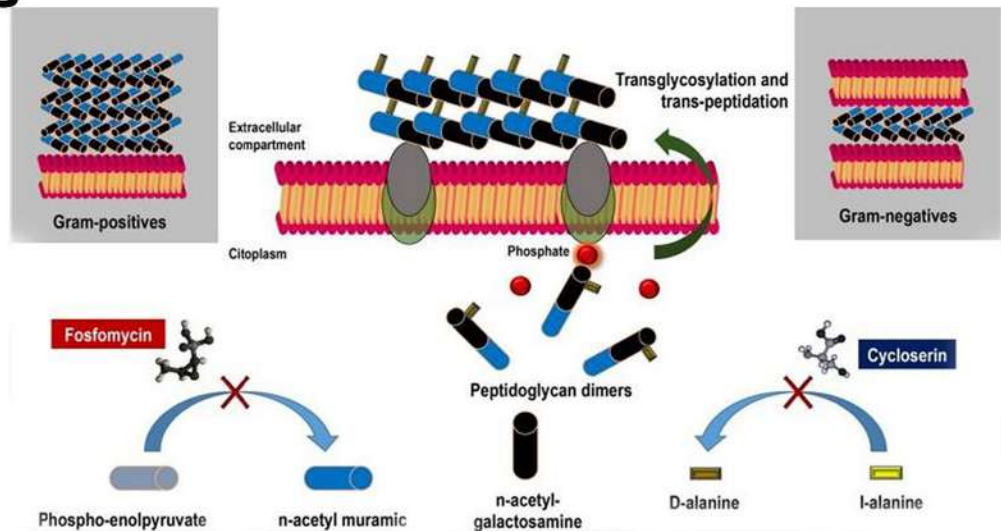


Standard testing of Fosfomycin for **Fosgrin**:
Resistant : ≤ 11 mm; Intermediates 12-15 mm; **Sensitive: ≥ 15 mm**

FOSGRIN is sensitive various of bacteria including *E. coli*, *Staphylococcus spp.*, and *Salmonella spp*

Mode of Actions

- **Fosgrin** kills gram positive bacteria by inhibiting the phosphoenolpyruvates to be n-acetyl muramic
- **Fosgrin** kills gram negative bacteria by inhibiting I-alanine to be D-alanine



Administration

160 mg/kg body weight
for 3-5 days consecutively





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