FERAMO® WITH CHROMIUM is a balanced foundation supplement for performance horses under the stress of physical training and competition.

What’s in FERAMO® WITH CHROMIUM

COMPOSITION
Each 56 g dose contains:

<table>
<thead>
<tr>
<th>VITAMINS</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vitamin A (as Retinyl acetate)</td>
<td>22,500 IU</td>
</tr>
<tr>
<td>Vitamin D3 (Cholecalciferol)</td>
<td>3,000 IU</td>
</tr>
<tr>
<td>Vitamin B1 (Thiamine Hydrochloride)</td>
<td>37.5 mg</td>
</tr>
<tr>
<td>Vitamin B2 (Riboflavin)</td>
<td>23.9 mg</td>
</tr>
<tr>
<td>Vitamin B3 (Nicotinamide)</td>
<td>124.9 mg</td>
</tr>
<tr>
<td>Vitamin B5 (Calcium Pantothenate)</td>
<td>53.9 mg</td>
</tr>
<tr>
<td>Vitamin B6 (Pyridoxine Hydrochloride)</td>
<td>19.9 mg</td>
</tr>
<tr>
<td>Vitamin B9 (Folic Acid)</td>
<td>5.0 mg</td>
</tr>
<tr>
<td>Vitamin B12 (Cyanocobalamin)</td>
<td>0.1 mg</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>MINERALS</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chromium (from organic chromium yeast)</td>
<td>5.0 mg</td>
</tr>
<tr>
<td>Cobalt (as Cobalt Sulfate)</td>
<td>0.3 mg</td>
</tr>
<tr>
<td>Copper (as Copper Carbonate)</td>
<td>39.2 mg</td>
</tr>
<tr>
<td>Iodine (as Potassium Iodide)</td>
<td>1.8 mg</td>
</tr>
<tr>
<td>Iron (as Iron Glycine Chelate)</td>
<td>174.7 mg</td>
</tr>
<tr>
<td>Manganese (as Manganese Carbonate)</td>
<td>173.6 mg</td>
</tr>
<tr>
<td>Selenium (as Sodium Selenate)</td>
<td>0.5 mg</td>
</tr>
<tr>
<td>Zinc (as Zinc Oxide)</td>
<td>129.6 mg</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>AMINO ACIDS</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isoleucine</td>
<td>526 mg</td>
</tr>
<tr>
<td>Leucine</td>
<td>1.1 g</td>
</tr>
<tr>
<td>Phenylalanine</td>
<td>235 mg</td>
</tr>
<tr>
<td>Valine</td>
<td>829 mg</td>
</tr>
</tbody>
</table>

FERAMO® WITH CHROMIUM provides all the essential and high turnover vitamins, amino acids, minerals and trace elements required by horses during training and competition.

How to administer FERAMO® WITH CHROMIUM
Recommended Daily Dose: 56g.
Mix into horse’s feed. Introduce at ¼ to ½ the recommended daily dose rate, increasing gradually to the full dose rate over 7-10 days.
A graduated scoop is provided.
**WHY CHOOSE FERAMO® WITH CHROMIUM**

1. **THE NUTRIENTS IN FERAMO® WITH CHROMIUM ARE SCIENTIFICALLY BALANCED FOR**

   - **POWER**
     - Muscle strength, development and topline
     - Tendon, ligament and joint strength to withstand the demands of racing
   - **PERFORMANCE**
     - Improved feed uptake and utilisation of energy
     - Unique balance of essential vitamins and minerals for performance
   - **VITALITY**
     - Boosts immune function to help with the stress of training
     - Improved coat condition and colour

2. **CONTAINS ORGANIC CHROMIUM**

   - Organic chromium is absorbed more efficiently than inorganic chromium
   - Optimises energy supplies – Organic chromium enhances the activity of insulin to optimise glucose uptake and energy supplies
   - Increases muscle mass – Muscle mass increases when chromium is supplemented. FERAMO® WITH CHROMIUM is a potent and safe way to improve muscle protein formation, muscle mass, power and the reduction of body fat
   - Stimulates immune function – Trials show that chromium supplementation increases muscle weight gain and reduces body fat, as well as stimulates immune response to reduce disease incidence particularly in stressed animals.


3. **SUPERIOR PALATABILITY**

   FERAMO® WITH CHROMIUM assists with improved feed uptake and utilisation. Horses also love the taste of the natural predigested yeast and oil seed meal base which enhances the palatability and digestibility of both the supplement and the food it is added to.¹

   *Arnews R-Warren-Smith, University of Sydney, vetted dietary palatability and rate of intake by horses when fed concentrated supplemented with FERAMO (2003).*

4. **IMPROVES COAT CONDITION AND COLOUR**

   A visible improvement can be seen in coat condition and colour with daily supplementation. It is ideal for horses being prepared for sale and competition as it enhances the shine and overall appearance of the horses’ coat.

5. **QUALITY AND FRESHNESS ASSURED**

   The production and packaging of Virbac products is designed to protect and maintain the maximum potency of the vitamins and minerals they contain. You can be confident that with Virbac nutritional products you are getting the goodness of authenticity and freshness.

   The production and packaging of Virbac products is designed to protect and maintain the maximum potency of the vitamins and minerals they contain. You can be confident that with Virbac nutritional products you are getting the goodness of the vitamins and minerals contained for the shelf life of the products.²

   *Provide recommended storage and usage directions are followed.

6. **FOUNDATION SUPPLEMENT**

   Unique balance between ingredients to correct general dietary deficiencies and imbalances and to build muscle strength for power, performance and vitality. It is designed as a foundation supplement to which other specific supplements can be added to meet the specific needs of individual horses to maximise growth, performance and reproduction.

HOW FERAMO® WITH CHROMIUM HELPS

FERAMO® WITH CHROMIUM promotes building and maintaining a better athletic horse, and safely in growing health and performance. It contains 9 essential vitamins, 8 essential minerals and 4 other key nutrients to:

- Optimise available energy supplies
- Maximise muscle development and strength
- Improve feed uptake and palatability with natural yeast and oil seed meal base
- Maintain and improve body count
- Maintain joint health and function
- Reduce post-exercise complications

B-group vitamins are the most commonly used performance enhancers. Immediate results are often seen in improved blood counts and appetites. These vitamins are essential in the production of energy in all animals as well as in muscle and nerve function, the utilization of body fat and energy reserves, and protein formation. B-group vitamins are water soluble and must be taken on a daily basis as they are rapidly excreted and not stored in the body. Any reduction in availability can rapidly reduce available energy for exercise as well as reduce red blood cell formation, oxygen utilization, endurance and performance.

Chromium is an essential trace mineral that enhances the activity of insulin, which is vital in nearly all body functions — most importantly in dealing with body sugar or energy supplies and facilitating muscle growth. Insulin has a tissue building effect as it promotes glucose uptake by cells and stimulates amino acid (protein) synthesis.

This effect is most visible in muscle tissue, where muscle mass increases when chromium is supplemented. Trials show that chromium supplementation increases muscle weight gain and reduces body fat as well as stimulates immune responses to reduce disease incidence, particularly in stressed animals. Athletic horses show much greater chromium excretion than resting horses and many diets are deficient in chromium to begin with. Supplemental zinc is vital for optimum muscle development.

Vitamins A, C and Manganese are critical to maintenance of immune function. Horses stressed from travel, training, schooling and competition may have reduced immune function and increased susceptibility to disease, injury and illness. Vitamin E is an essential cofactor for maintenance of immune function and can be supplemented either as WHITE-E powder or liquid to the diet.

Note: It is advisable not to give Vitamin E in the same feed with any other vitamin products.

Vitamins, minerals and trace minerals are critical components of almost every aspect of growth, development, function, performance and reproduction. Like most essential nutrients and cofactors, they must be available at exactly the right time, in exactly the right amounts or maintenance and performance suffer.

Amino acids are building blocks that link together to form protein. A horse will only utilise its dietary protein up to the lowest level of the limiting amino acid. A shortage of any one essential amino acid makes overall protein utilisation by the horse less efficient.

There are 22 amino acids that are required by horses of which about 10 are essential amino acids that need to be provided through the diet while the others are produced in the body tissues and therefore not needed in the diet.

During performance, horses lose higher levels of essential amino acids much quicker than others and these need to be replaced.

FERAMO® WITH CHROMIUM contains Chelated Iron and Folic Acid which play an essential role in general metabolism. Anaemia and blood cell formation, working in synergy with Vitamin B6 and C.

Vitamin C and Manganese are essential cofactors needed to maintain the integrity and function of joint cartilage, tendons and bone.

Vitamins A, C and minerals Selenium and Zinc are critical to maintenance of immune function. Horses stressed from travel, training, schooling and competition may have reduced immune function and increased susceptibility to disease, injury and illness. Vitamin E is an essential cofactor for maintenance of immune function and can be supplemented either as WHITE-E powder or liquid to the diet.

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