



Equine America Turmeric

Turmeric is a popular spice used to give support to joints, skin, digestion and the liver.

Equine America Turmeric is not messy, ready to use and fully balanced. The ingredients used help with maximum absorption, therefore making it great value for money.

The active ingredient in turmeric is called *curcumin* and it is this specific phytochemical that is known for its effectiveness in treating a variety of conditions.

Anti-Inflammatory

Turmeric is probably best known for its use as an anti-inflammatory. It works by significantly reducing the inflammatory pathways in the body, but unlike bute and most other non-steroidal anti-inflammatories often given to horses, turmeric works as a COX-2 inhibitor (as opposed to COX-1) and does **not** damage the lining of the stomach.

Liver Detoxifier

Another common use for turmeric is for detoxifying the liver. Curcumin has long been connected to liver health. Numerous studies have linked it to effectively combating liver cancer and improving liver fibroids. What's more, turmeric can uniquely assist the enzymes that are responsible for flushing out known dietary carcinogens. The result is enhanced protection against liver damage.

Antioxidant

Not only is curcumin a potent antioxidant itself, but it has also been shown to boost the body's own antioxidant mechanisms, making it doubly helpful in this regard.

Oxidation is the natural process that occurs when oxygen is combined with various other elements in the body during metabolism. An antioxidant is a molecule that inhibits the oxidation of other molecules in the body and protects against oxidative damage.

Ingredients for successful results!!

In Equine America Turmeric, we use a high quality Turmeric powder, this is blended with Linseed meal, Calcium and Vitamin E.

The key to feeding Turmeric is the absorption of its active nutrients including Curcumin.

Turmeric is not water soluble, which can limit its absorption, it is oil soluble, so it needs to be taken with a healthy oil, or it is nearly useless. The healthiest of these is Linseed oil, this is because of its high omega 3 content and its excellent omega 3-6 ratio, therefore also boosting the anti-inflammatory capacity.

It is also thought its bioavailability is increased with the addition of fresh ground black pepper. This compound becomes ineffective very quickly, so must be fresh ground at the time of feeding to get the maximum benefit, not included in a product!

Linseed meal

Linseed meal has more benefits than oil for the absorption of Turmeric.

The second unique feature of Linseed is its high lignin content. Lignans are fiber-like compounds, but in addition to their fiber-like benefits, they also provide antioxidant protection due to their structure as polyphenols.

Calcium

Calcium is added because both Turmeric and Linseed meal have an unbalanced calcium to phosphorus ratio, so by adding Calcium we have re-addressed the imbalance.

Vitamin E

- Vitamin E is an oil soluble vitamin, which is also a strong antioxidant. This also helps aid the digestion of the high oil content of the product.

Vitamin E was also included in a clinical trial on the use of curcumin's therapeutic action on equine osteoarthritis.