

## ALOE FEROX

Bitter Aloe, King of Aloes

Indigenous to the Cape in South Africa, Aloe Ferox contains over 130 biological compounds. Aloe Ferox whole leaf contains vital nutrients including glycol-nutrients, amino acids, minerals, vitamins, polysaccharides, anthraquinones, enzymes, lignins, chlorophyll, saponins, sterols and other plant chemicals that strengthen and support all body systems.

Aloe Ferox is known for its bitter sap content. Aloin is concentrated in the bitter sap which provides spectacular immune support and bowel cleansing.



Bitter Extract powder



immunologic superfoods are packaged in MIRON SWISS VIOLET GLASS to provide maximum protection from light and air that can damage delicate nutrients.



Leaf Powder

## ALOE FEROX NUTRIENT PROFILE

Amino Acids – Aloe Ferox contains 34 amino acids, including 7 of the 8 essential ones such as Alanine, Anserine, Arginine, Aspartic Acid, Asparagine, Citrulline, Cystine, Ethanolamine, Glutamic Acid, Glutamine, Glycine, Histidine, Hydroxyproline, Isoleucine, Leucine, Lysine, Methionine, Phenylalanine, Phosphoserine, Proline, Serine, Threonine, Tyrosine, Ureum, Valine, Methylhistidine, Amino butyric acid.

Amino Acids are the building materials of the body needed for growth and repair. Amino acids are used to make hormones, enzymes, antibodies and neurotransmitters.

**Chlorophyll** – Nature's way of protecting against radiation while helping to produce energy. The electron flow produced by chlorophyll pigments is used to shuttle H+ ions in the production of cellular ATP (cell energy). The body also uses Chlorophyll for blood purification and production of red blood cells in bone marrow.

**Glycoproteins** serve diverse and essential roles in human physiology. Over the past decade, scientists and physicians around the world have been studying the remarkable benefits of glyco-nutrients on human health especially in the immune system. Many of the key molecules involved in the immune response such as immunoglobulins are glycoproteins. Glycoproteins have structural functions and are a constituent of healthy cell walls and connective tissue such as collagen. Glycoproteins are also found in gastrointestinal mucous secretions and are abundant in the blood plasma. Glycoproteins play an important part in hormone function. The action of hormones depends on the initial binding of the hormone to a protein receptor molecule. This molecule is a glycoprotein. Glycoproteins appear in nearly every biological process studied.



**Sterols** – Sitosterol, Cholesterol, Lupeol naturally occurring plant sterols, have a long history of research documenting both safety and efficacy in promoting heart health by positively affecting cholesterol.

**Fiber** – <u>Insoluble Fiber</u>: Cellulose and Lignins promotes stool bulk, peristalsis, improved defense against immune challenges to the digestive tract, soothes the mucous membrane of the bowel. <u>Soluble Fiber</u>: Arabinogalactan,

Rhamnogalacturonan, Mucilage have great benefit in sugar metabolism, blood pressure and cardiac health.

Vitamins – Aloe Ferox contains vitamins in their enzyme form: A, C, E, B1, B2, B3, B6, B12, Folic Acid and Choline all of which have a wide function in human physiology and wellbeing. Together with minerals and trace elements, vitamins function as catalysts for all enzyme processes.

"The spark of life."

Very small amounts of Aloe Ferox are needed to experience bowel cleansing. For best results, make tea with Aloe Ferox Leaf Powder and combine with Aloe Ferox Bitter Extract powder to get all the benefits of the whole leaf which include immune, liver and gallbladder support.

## ALOE FEROX NUTRIENT PROFILE Continued

**Glycosides** – Saponins, Phenols, Anthraquinones: Aloin, Aloeemodin, Aloinoside A/B, 5-hydroxyaloin, Chrysophanol, Aloesin, Aloe resin A/C, Iso-aloeresin A, Furoaloesone, Chrysophanic acid, Cinnamic acid, Emodin, Coumarins and Resistannols all enable the Aloe Ferox plant to be an extraordinary boost for the immune system. Nutrients in the Aloe Ferox plant are well known for their role in management of pain and inflammation.

Minerals – Aloe Ferox contains Calcium, Magnesium, Phosphorus, Potassium, Sulphur, Boron, Chromium, Cobalt, Copper, Iron, Manganese, Nickel, Selenium, Strontium, Tin, Vanadium and Zinc. All vitamins and enzymes require minerals for activity. All physiological processes depend on the presence of minerals which are commonly lacking in our food. Minerals in their organic state (present in plant life), function more effectively in the body compared to common dietary supplements that use non-live source ingredients. Whole-body pH balance depends on minerals, specifically in their live-source, enzyme form with naturally occurring trace mineral activators.

**Monosaccharides** – Rhamnose, Arabinos, Xylose, Mannose, Galactose, Glucose are known to be of significant benefit in immune support, inflammation and wound healing, used in the production of cytokines, supports proper blood sugar metabolism and joint tissue health.

**Polysaccharides** – Arabinogalactans, rhamnogalacturonans, glucomannoglycans, and hemicellusoses are used by the body to support immune processes, blood sugar metabolism and heart health. Polysaccharides also function as pre-biotics in the digestive tract promoting a healthy gut ecology.



Aloe Ferox growing wild in the Cape, South Africa

immunologic, inc. 1303 Cy Young Ct Round Rock, TX 78665 info@immunologic.net www.immunologic.net 512-585-8473

