

# COVID-19 World Guanidinoacetic Acid Market Research Report (by Product Type, End-User/Application and Regions/Countries)

https://marketpublishers.com/r/C417D14D475AEN.html

Date: August 2020 Pages: 93 Price: US\$ 2,800.00 (Single User License) ID: C417D14D475AEN

# **Abstracts**

#### SUMMARY

Guanidinoacetic Acid is a metabolite of glycine in which the amino group has been converted into a guanidine. Guanidinoacetic Acid is a direct precursor of creatine and is used as a supplement. Taking guanidinoacetic acid can increase muscle strength and slow muscle fatigue, etc. And add guanidinoacetic acid into fodder can make lean pig's body improve significantly. However the metabolism of creatine from Guanidinoacetic Acid in the liver causes a depletion of methyl groups. This causes homocysteine levels to rise, which has been shown to produce cardiovascular and skeletal problems. A series of studies showed that a combination of betaine and Guanidinoacetic Acid improves the symptoms of patients with chronic illness, including heart disease, without toxicity. Betaine can provide a methyl group to glycocyamine, via methionine, for the formation of creatine. In overall, such treatment led to less fatigue, greater strength and endurance, and an improved sense of well-being. The patients with cardiac decompensation (arteriosclerosis or rheumatic disease) and congestive heart failure had improved cardiac function. The patients gained weight (improved nitrogen balance) and saw lessened symptoms of arthritis and asthma and increased libido, and those people suffering from hypertension experienced transient reduced blood pressure. Also the studies shows the increase of glucose tolerance in both diabetic subjects and subjects without diabetes.

This report includes market status and forecast of global and major regions, with introduction of vendors, regions, product types and end industries; and this report counts product types and end industries in global and major regions.



The report includes as follows:

The report provides current data, historical overview and future forecast.

The report includes an in-depth analysis of the Global market for Guanidinoacetic Acid , covering Global total and major region markets.

The data of 2017-2025 are included. All-inclusive market are given through data on sales, consumption, and prices (Global total and by major regions).

The report provides introduction of leading Global manufacturers.

Guanidinoacetic Acid market prospects to 2025 are included (in sales, consumption and price).

Market Segment as follows:

By Region / Countries

North America (U.S., Canada, Mexico)

Europe (Germany, U.K., France, Italy, Russia, Spain etc)

Asia-Pacific (China, India, Japan, Southeast Asia etc)

South America (Brazil, Argentina etc)

Middle East & Africa (Saudi Arabia, South Africa etc)

Ву Туре

Feed Grade

Pharmaceutical Grade

Others

By End-User / Application

Fodder



Medicine

Others

#### By Company

AlzChem

Tiancheng Chempharm

Jiangsu Yuanyang

Hubei Yuanhua

Hebei Daxiao

GENDONE

Shijiazhuang Zexing Group

Lubon Industry



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