

# Global Guanidinoacetic Acid Market Analysis 2016-2020 and Forecast 2021-2026

<https://marketpublishers.com/r/G497F8E2FDBEN.html>

Date: February 2021

Pages: 97

Price: US\$ 2,980.00 (Single User License)

ID: G497F8E2FDBEN

## Abstracts

### SNAPSHOT

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.

The global Guanidinoacetic Acid market size is estimated at xxx million USD with a CAGR xx% from 2016-2020 and is expected to reach xxx Million USD in 2021 with a CAGR xx% from 2021 to 2026. The report begins from overview of Industry Chain structure, and describes industry environment, then analyses market size and forecast of Guanidinoacetic Acid by product, region and application, in addition, this report

introduces market competition situation among the vendors and company profile, besides, market price analysis and value chain features are covered in this report.

Product Type Coverage (Market Size & Forecast, Major Company of Product Type etc.):

Feed Grade

Pharmaceutical Grade

Others

Company Coverage (Company Profile, Sales Revenue, Price, Gross Margin, Main Products etc.):

AlzChem

Tiancheng Chempharm

Jiangsu Yuanyang

Hubei Yuanhua

Hebei Daxiao

GENDONE

Shijiazhuang Zexing Group

Lubon Industry

Application Coverage (Market Size & Forecast, Different Demand Market by Region, Main Consumer Profile etc.):

Fodder

Medicine

Others

Region Coverage (Regional Production, Demand & Forecast by Countries etc.):

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.)

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