

# Global Guanidinoacetic Acid Market Research Report 2012-2024

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## 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 glycocholine, 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 will reach xxx Million USD in 2019 with CAGR xx% 2019-2024. The objective of report is to define, segment, and project the market on the basis of product type, application, and region, and to describe the content about the factors influencing market dynamics, policy, economic, technology and market entry etc.

Based on products type, the report describes major products type share of regional market. Products mentioned as follows:

Feed Grade

Pharmaceutical Grade

Others

Leading vendors in the market are included based on profile, business performance etc. Vendors mentioned as follows:

AlzChem

Tiancheng Chempharm

Jiangsu Yuanyang

Hubei Yuanhua

Hebei Daxiao

GENDONE

Shijiazhuang Zexing Group

Lubon Industry

Based on Application, the report describes major application share of regional market. Application mentioned as follows:

Fodder

Medicine

Others

Based on region, the report describes major regions market by products and application. Regions mentioned as follows:

Asia-Pacific

North America

Europe

South America

Middle East & Africa

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