

Bioethanol, Alcoholic Drink made from non-edible, Organic Waste Resource Biomass such as Plants, Woods, Woods Waste, Paper Waste and Food Waste.

GS Bio Ethanol

Bioethanol is a good candidate because it can be replaced with petroleum as a fuel and used as the raw material for chemical products. Nowadays, bioethanol is produced from agricultural products such as corn, sugarcane, and starch-based materials. However, these raw materials are also sources of food for humans. Utilizing plants, wood, wood waste, paper waste, and food waste as raw materials for bioethanol production is extremely effective and environmentally friendly. These kinds of biomass are the most abundant raw materials on earth and are a potential carbon-neutral source for alternative natural resources in place of petroleum.

These kinds of biomass are mainly composed of cellulose, hemicellulose, and lignin, with cellulose being used as the main raw material for bioethanol production. Cellulose is a linear homopolymer of glucose. It is rigid and requires special treatment for breakdown.

We invented one of a solution for breaking down cellulose into glucose in an efficient way. Based on this technology, we will try to produce bioethanol at an industrial level to challenge to replace petroleum gas for automobile, airplanes etc... with our bioethanol. We will also attempt to create a wood-alcohol-based drink. This will be the first instance of wood alcohol production at an industrial level.

We are also seeking business partnership in order to produce bioethanol and wood alcoholic drink at an industrial level in the world. In addition, business partner who can use our nature derived bioethanol as raw material. Cooperation offer from companies, private or governmental organizations is all welcomed. Please contact us anytime.