



custom enzymes

CUSTOM E PURE ANAERO

Multiple enzyme components for Biogas production

Rapidly increasing energy demands worldwide has resulted in tremendous depletion of fossil fuel resources. This makes it necessary to find alternative energy sources which have a minimum impact on the environment. In this context, biogas is one of the sustainable energy sources that can be produced from many types of biomass including waste. Biogas is a multilateral renewable energy source that can replace conventional fuels to produce heat and power, it can also be used as gaseous fuel in automotive applications.

CUSTOM E – PURE ANAERO are formulation of selected enzymes and micro-organisms suitable for Anaerobic digestion of waste organic material. Enzymes present in both the products break up long, complex waste molecules (Hydrolytic reaction) into smaller pieces, which can then be digested directly by the bacteria. The product is a dry concentrated powder containing hydrolytic enzymes and selected microbes, to be applied in Anaerobic digestors for the production of biogas.

Advantages:

CUSTOM E – PURE ANAERO can:

Increase the production of methane gas in the biodigester

Benefits:

The capacity of the system will be effectively increased, because more waste can be processed, more efficiently, in lesser time

Digesters will operate evenly and uniformly

Significant increase in biogas yield

Maximum COD, BOD removal

Application:

CUSTOM E – PURE ANAERO

DOSAGE : 100 - 200 PPM

ENZYME PROPERTIES: pH : 4.5 - 7.5

Optimum temperature : 27°C - 40°C

Storage and shelf life:

Store it in cool and shaded place and avoid keeping it in direct sunlight. Enzyme dust may cause irritation when inhaled. Unnecessary contact with product should be avoided. The shelf life of CUSTOM E – PURE ANAERO under recommended conditions is for the period of 1 year.

Packaging:

Both CUSTOM E – PURE ANAERO are available in standard packs of 25 Kg. The packing can also be customised as per the requirements.