

BioGas1

BLEND OF 10 BIOAVAILABLE TRACE ELEMENTS



BioGas1 blends macro levels Iron, Cobalt, and Nickel, with micro levels of seven other trace elements to enhance microbial metabolism. It leverages the combined effects of these elements to fortify and diversify the microbial community. This formula enhances metabolic activity, improves biogas quality, and can mitigate hydrogen sulfide production, ensuring efficient and cleaner digestion.

Contact Aquafix for specialized treatment recommendations and testing services.

Demonstrated safe and effective for:

- Complete mix anaerobic digesters
- Covered lagoons
- Continuous Stirred Tank Reactors (CSTRs)
- Upflow Anaerobic Sludge Blanket (UASB) reactors



KEY TRACE ELEMENTS IN BIOGAS1

Iron	Improves biogas production, redox activator, electron acceptor
Cobalt	Activates enzyme pathways, essential for B Vitamin synthesis
Nickel	Production of coenzymes
Manganese	Activates enzymes, stabilizes methane formers
Potassium	Stimulates cell growth
Calcium	Aids in membrane permeability
Copper	Activates enzymes
Chromium	Assists in the metabolism of glucose
Magnesium	Enzyme activator
Molybdenum	A cofactor in enzyme production, helps to inhibit sulfate reducing bacteria



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