



TAILORED TRACE ELEMENTS

MAXIMISE YOUR OUTPUT

With over 40 years of experience in manufacturing, processing and blending trace elements for a wide array of industries, you can be confident that no matter how precise your requirement, it will be met both today and tomorrow.

We will work with you to create a bespoke nutrient dosing plan that remains cost-effective and productive. If you know what your digester needs, or have a product for us to replicate, let us know. Our lab will check the formulation and sales will work out a price then we will quote and supply.



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LIQUID TRACE ELEMENTS

- Increased growth & metabolic activity of methane producing bacteria,
- Reduced VFA and increased growth,
- Available in 5, 10, 25, 200 and 1000L containers in less than 2 weeks,
- Fast acting, tailor made trace element solutions with high bioavailability,
- Shock and maintenance doses specifically designed for each individual plant,
- In-house analysis to replicate existing products,
- Own label available for distributors.



POWDER TRACE ELEMENTS

- Available in 10kg and 20kg biodegradable paper sacks,
- Tailor made trace element blends.

METHATEC[®] ESSENTIALS BASIC

A granulated emergency mixture of essential trace elements in a ferric hydroxide carrier. Designed to compensate for acute deficiency situations and to reduce high levels of organic acids. MethaTec Essentials Basic rapidly restores the trace element balance and ensures efficient breakdown of acids, leading to plant recovery and improved biogas production.



METHATEC[®] ESSENTIALS

A granulated, individual mix of essential micronutrients for process stabilisation in biogas plants. If analysis shows a lack of essential trace elements MethaTec Essentials will restore the optimal supply to the bacteria. The mix of micro-nutrients is tailored to each individual plant's microbial requirements.

METHATEC[®] TRACE N'ZYME

A mix of trace elements combined with ferric hydroxide to bind sulphides, improving micronutrient bioavailability, with the added advantage of enzymes. These enzymes aid in the breakdown of high fibre feedstock that usually take longer to ferment. This ensures the maximum extraction of energy from the feedstock, giving long lasting improvements to efficiency.



PRODUCT SPECIFICATIONS

Product	Appearance	Dosage	Shelf life	Packaging
MethaTec [®] Essentials Basic	Brown powder	Average rate is 2kg per 100kW per day *	24 months	10kg / 20kg biodegradable paper sacks
MethaTec [®] Essentials	Brown powder	Application rate varies **	24 months	10kg / 20kg biodegradable paper sacks
MethaTec [®] Trace n Zyme	Brown powder	Application rate varies ***	12 months	10kg / 20kg biodegradable paper sacks

* Biogas plants with a very high proportion of manure or severe trace element deficiencies may have to use higher quantities.

** The application rate depends on the system volume, feeding rate and deficit situation.

*** The application rate depends on the individual conditions of your biogas plant.