

novoDYN[®] liquid

The liquid trace element compound for stable plant operation



The TRGS-compliant liquid trace element mixture from Kanadevia Inova Schmack

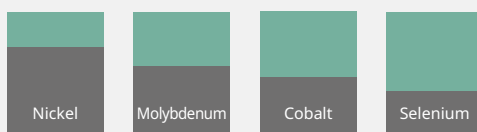
novoDYN[®] liquid is the liquid equivalent of our tried-and-tested novoDYN[®] and the trace element salts. It combines the properties of both products, offers an optimal trace element ratio without the addition of iron hydroxide, and is therefore usable on a customised basis for all plant types.

novoDYN[®] liquid is a liquid trace element solution that can be used easily in biogas plants. The product is particularly easy to dose and handle. It works without needing any stabilisers or additives, and meets the highest quality standards. Available in:

- 20 l canisters and
- 1000 l IBCs

Optimal provision with novoDYN[®] liquid

Requirement standard



■ Substances in the fermenter

■ Requirement supplementation with novoDYN[®] liquid Schematic diagram*

Due to the low hazard classification, the only things that have to be ensured during storage are that the product does not penetrate the floor, and that it does not freeze or overheat.

 **novoDYN[®] liquid**
spurenelementmischung

Why trace elements?

Bacteria produce enzymes to break down biomass. The bacteria need trace elements to produce these enzymes, and to reproduce themselves. These must be continuously supplied to the digester, as they are usually not present in the feedstock in sufficient quantities (see lock-and-key principle, among others). Every relevant, essential trace element must be counterbalanced to ensure a high-quality and efficient biological process.

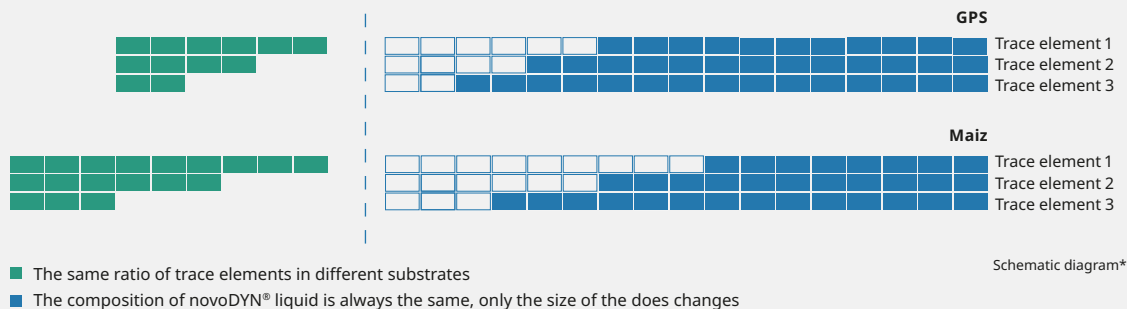
Why novoDYN® liquid?

Performance decline in biogas installations is frequently due to an insufficient supply of trace elements. novoDYN® liquid helps to rectify deficiencies in the fermenter and to increase performance levels.

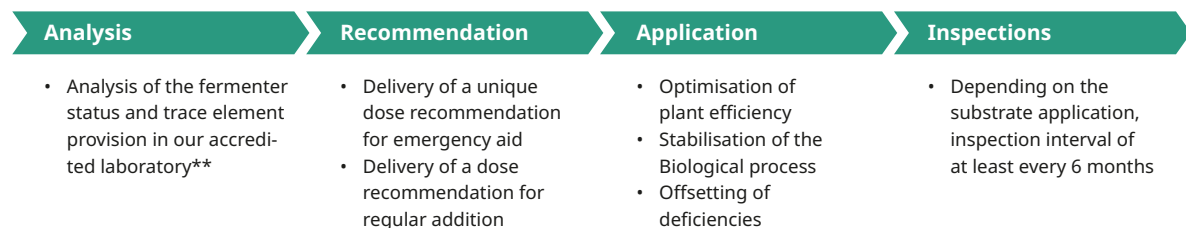
Why does novoDYN® liquid work with every substrate compound?

Comprehensive series of tests in our in-house, accredited laboratory have found that the ratio of the individual trace elements in the various feedstocks is almost always the same. novoDYN® liquid is the key to needs-based supplementation of trace elements in the digester, and can be dosed flexibly depending on the substrate use and composition.

The novoDYN® liquid key works with every substrate compound



What is the process?



Good reasons to choose Kanadevia Inova Schmack

The figures speak for themselves: around 100,000 digester state analyses, 3,000 satisfied customers, 200 customers receiving microbiological support, 20 years of experience in microbiology, accredited lab of our own.**

* The graphics and calculations shown here are schematic, are intended merely as examples, and may vary considerably depending on the plant dimensions.

** Applies only to the inspection process laid out in the accreditation certificate.



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