AGROLAB LUFA GmbH

Dr.-Hell-Str. 6, 24107 Kiel, Germany
www.agrolab.de

AGROLAB GROUP
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AGROLAB LUFA GmbH, Dr.-Hell-Str. 6, 24107 Kiel

Customer no.: 10083618

Vanatari International GmbH
Pankstr. 8, Aufgang R
13127 Berlin

TEST REPORT

Date: 31.07.2026

Order	3809896 Wowtamins B12 Energiespritzer
Analysis number	199478
Customer sample description	B12 Energiespritzer Nahrungsergänzungsmittel mit Vitamin B12 Charge: 0373470126 MHD: 31.05.2028
Sample acceptance	15.06.2026
Date of sampling	no information
Brand	wowtamins
Packaging	1x Original, 30 ml, 170 Sprüh.

Note:
Ergebnis und Deklaration beziehen sich auf eine Tagesdosis von 1 Sprühstoß (ermittelter Sprühstoß: 0,214 g).

----------ENGLISH VERSION----------

The result and declaration refer to a daily dose of 1 spray (determined spray: 0.214 g).

Vitamins / vitamin-like substances

Parameter	Unit	Result	Declaration	Substance	Method
Vitamin B12 (based on cyanocobalamine)	µg/spray	22,2	25	OS	USP 39, method 171 : 2016 (mod.)

Explanation: Substance: OS=original substance, DS=dry substance

Note:
Eine Deklarationsprüfung und somit eine Überprüfung der empfohlenen Tagesdosis wurde nicht durchgeführt.

Verkehrsfähigkeit:
Obengenanntes Produkt entspricht nach Art und Umfang der dargelegten Prüfungen den Vorschriften des deutschen Lebensmittelrechts und ist aus hiesiger Sicht insoweit in Deutschland verkehrsfähig.

----------ENGLISH VERSION----------

A declaration check and a check of the recommended daily dose was not carried out.

Marketability:
The above-named product meets according to the manner and extent of the presented testings the provisions of German Food Law. In this respect and in our opinion the product is marketable in Germany.

Norm modification

USP 39, method 171 : 2016 (mod.)	The concentration of sodium disulphite in the extraction solution is not adjusted to the sample weight

The activities reported in this document are accredited according to DIN EN ISO/IEC 17025:2018.

AG Kiel
HRB 5796
Ust./VAT-ID-Nr:
DE 813 356 511

Geschäftsführer
Dr. Stephanie Nagorny
Dr. Paul Wimmer
Dr. Torsten Zurmühl

ilac-MRA DAkkS Deutsche Akkreditierungsstelle D-PL-14082-01-00

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Unless otherwise specified, the calculation of the measurement uncertainties given in the following table is based on the GUM (Guide to the expression of uncertainty in measurement, BIPM, IEC, IFCC, ISO, IUPAC, IUPAP and OIML, 2008) and the Nordtest Report (Handbook for calculation of measurement uncertainty in environmental laboratories (TR 537 (ed. 4) 2017). This is therefore a very reliable value with a 95% confidence level (confidence interval). Deviations from this are indicated as entries in the column "Deviating determination method".

Parameter	**Analytical measurement uncertainty**
Vitamin B12 (based on cyanocobalamine)	30%

Start of testing: 26.06.2026
End of testing: 16.07.2026

The results are related only to the samples tested. In cases where the laboratory has not been responsible for sampling, the reported results apply to the samples as received. The laboratory is not responsible for the information provided by the customer. The customer information, if any, presented in this test report is not subject to the accreditation of the laboratory and may affect the validity of the test results. Duplication of this document or of parts of it requires the authorization from laboratory.

In conformity assessment, the economic approach is applied as the decision rule (a non-conformity exists if the measurement result including measurement uncertainty is above the specification or standard), as long as nothing else has been determined by corresponding legal or normative bases.

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Food chemist/counter-sampling expert

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