

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
Analysis number

3813801 Wowtamins Kids Complete Gummies (Zucker)
196089

Customer sample description

Kids Complete Gummies (Zucker)
Nahrungsergänzungsmittel mit Vitaminen, Mineralstoffen und DHA- und EPA-reichem Öl aus der Mikroalge Schizochytrium sp.
Charge: 260341
MHD: 30.11.2027
23.06.2026
no information
wowtamins
2x Original, 340 g, 120 Stück

Sample acceptance
Date of sampling
Brand
Packaging

Note:

Disclaimer:

Dieser Prüfbericht ist ein Auszug des gesamten Untersuchungsumfangs.
Es handelt sich um dieselbe Probe wie Auftrags-Nr. 3813765-196016 und 3813769-196019.

Deklaration und Ergebnis beziehen sich auf eine Tagesdosis von 4 Gummies (Gewicht pro Stück gemäß Deklaration: 2,83 g).

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

Disclaimer:

This test report is an excerpt from the full scope of the investigation.
It is the same sample as order nos. 3813765-196016 and 3813769-196019.

The nutrition information and results refer to a daily dose of 4 gummies (weight per piece as stated on the label: 2.83 g).

Trace elements / Halogens

Parameter	Unit	Result	Declaration	Substance	Method
Iodine (I)	µg/4 gummies	57,8	67	OS	DIN EN 15111 : 2007-06
Selenium (Se)	µg/4 gummies	11,0	10	OS	DIN EN 15763 : 2010-04 (mod.)
Zinc (Zn)	mg/4 gummies	2,57	2,5	OS	DIN EN 16943 : 2017-07

Vitamins / vitamin-like substances

Parameter	Unit	Result	Declaration	Substance	Method
Vitamin K2, MK-7 ^{v)}	µg/4 gummies	14,3	17	OS	PV-SA-159 (LC-MS/MS) : 2024-01 ^(BI)

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Parameter	Unit	Result	Declaration	Substance	Method
Biotin	µg/4 gummies	24,8	20	OS	MP-03880-DE : 2026-07 (LC-MSMS)
Niacin	mg/4 gummies	9,09	7	OS	MP-03880-DE : 2026-07 (LC-MSMS)
Pantothenic acid	mg/4 gummies	4,09	4	OS	MP-03880-DE : 2026-07 (LC-MSMS)
Vitamin B1 (calc. as thiamine hydrochloride-HCL)	mg/4 gummies	1,08	0,89	OS	MP-03880-DE : 2026-07 (LC-MSMS)
Vitamin B1, calculated as thiamine (F=0.787)	mg/4 gummies	0,85	0,7	OS	calculated
Vitamin B2 (expressed as riboflavin)	mg/4 gummies	0,71	0,7	OS	MP-03880-DE : 2026-07 (LC-MSMS)
Vitamin B12 (based on cyanocobalamine)	µg/4 gummies	6,10	6	OS	USP 39, method 171 : 2016 (mod.)
Folic acid	µg/4 gummies	138	140	OS	DIN EN 14131 : 2003-09 (mod.)
Vitamin A (Retinole)	IE/4 Gummies	949	867	OS	REG (EC) 152/2009, IV, A, consolidated version : 2024-04 (mod.)
Vitamin A (Retinole)	µg/4 gummies	284	260	OS	calculated
Vitamin D3	IE/4 Gummies	1090	1000	OS	DIN EN 12821 : 2009-08 (mod.)
Vitamin D3	µg/4 gummies	27,2	25	OS	calculated
Vitamin E, det. as DL-alpha-Tocopherol	mg/4 gummies	9,50	9,45	OS	REG (EC) 152/2009, IV, B, consolidated version : 2024-04 (mod.)
Vitamin E, calc. as alpha-TE, (F=0,74) ¹⁾	mg/4 gummies	7,03	7	OS	calculated
Vitamin E, calc. as alpha-TE, (F=0,5) ²⁾	mg/4 gummies	4,75	7	OS	calculated
L-ascorbic acid (vitamin C)	mg/4 gummies	31,3	30	OS	MP-01375-DE : 2024-09 (HPLC)

1) Note on vitamin E, calc. as alpha-TE, (F=0,74):

Factor: 0.74 according to the vitamin conversion table of the GDCh's "Fragen der Ernährung" working group (as of 2006) The declaration for vitamin E, calc. as DL-alpha-tocopherol, is calculated from the declaration data for the parameter vitamin E, calc. as alpha-TE (F=0.74).

2) Note on vitamin E, calc. as alpha-TE, (F=0,5):

Factor: 0.5 according to the vitamin conversion table of the GDCh's "Fragen der Ernährung" working group (as of: November 2025)

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

Note:

Vitamin E, ber. als alpha-TE, (F=0,5): Neuer Umrechnungsfaktor im November 2025 veröffentlicht (GDCh) - eine Übergangsfrist ist nicht bekannt. Es wird empfohlen, den neuen Faktor anzuwenden.

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-----

Vitamin E, expressed as alpha-TE, (F=0.5): New conversion factor published in November 2025 (GDCh) — no transition period has been announced. It is recommended to use the new factor.

Marketability:

The above-named product meets according to the manner and extent of the presented testings the provisions of German Food Law. In this

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respect and in our opinion the product is marketable in Germany.

Norm modification

DIN EN 12821 : 2009-08 (mod.)

DIN EN 14131 : 2003-09 (mod.)

DIN EN 15763 : 2010-04 (mod.)

REG (EC) 152/2009, IV, A, consolidated version : 2024-04 (mod.)

REG (EC) 152/2009, IV, B, consolidated version : 2024-04 (mod.)

USP 39, method 171 : 2016 (mod.)

saponification without addition of Na₂S, single extraction of a defined aliquot of the saponification mixture in 15 ml petroleum spirit, optional sample grinding
Extension to matrix feed; adaptation of the enzyme treatment process step; additional determination of free folate
Extension for the following elements: Al, Co, Cr, Mo, Ni, Sb, Se, Sn, Ti, U, V, Cu, Mn, reduction of the method for Hg
extension to matrix food, saponification without addition of Na₂S, one-time extraction of a defined aliquot of the saponification preparation in 15 ml petroleum spirit, optional sample grinding.
extension to matrix food, saponification without addition of Na₂S, one-time extraction of a defined aliquot of the saponification preparation in 15 ml petroleum spirit, optional sample grinding.
The concentration of sodium disulphite in the extraction solution is not adjusted to the sample weight

^{v)} External service

Externally provided service by:

(BI) bilacon GmbH, An der Industriebahn 5, 13088 BERLIN, accredited according to DIN EN ISO/IEC 17025:2018 for the cited method, certificate of Accreditation: D-PL-14400-01-00 DAkkS

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	Deviating determination method	Analytical measurement uncertainty
Selenium (Se)	VDLUFA ASR	33%
Zinc (Zn), Vitamin E, det. as DL-alpha-Tocopherol	VDLUFA ASR	16%
L-ascorbic acid (vitamin C)	Estimation	20%
Vitamin D3 [IE/4 Gummies], Vitamin A (Retinole) [IE/4 Gummies]	VDLUFA ASR	30%
Biotin, Vitamin B1 (calc. as thiamine hydrochloride-HCL), Vitamin B2 (expressed as riboflavin), Folic acid, Vitamin B12 (based on cyanocobalamin)		30%
Pantothenic acid, Niacin, Iodine (I)		20%
Vitamin K2, MK-7 ^{v)}		25%

Start of testing: 23.06.2026

End of testing: 10.07.2026

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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