AGROLAB LUFA GmbH

Dr.-Hell-Str. 6, 24107 Kiel, Germany
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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: 10.09.2026

Order	3816009 Wowtamins Teens Complete Gummies zuckerfrei
Analysis number	199734
Customer sample description	Teens Complete Gummies; Nahrungsergänzungsmittel mit Vitaminen, Mineralstoffen, DHA- und EPA-reichem Öl aus der Mikroalge Schizochytrium sp. und Süßungsmittel; Charge: 260343; MHD: 30.11.2027
Sample acceptance	26.06.2026
Date of sampling	no information
Brand	wowtamins
Packaging	1x Original, 340 g, 120 Stück

Additional information:
Ergebnis und Deklaration von DHA und EPA beziehen sich auf 185 mg Algenöl (4 Gummies gemäß Deklaration).

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

The results and declaration of DHA and EPA refer to 185 mg of algal oil (4 gummies according to the declaration).

Fatty acid distribution expressed in % of total fatty acids

Parameter	Unit	Result	Declaration	Substance	Method
Octanoic acid / C8:0 / Caprylic acid	%	4,5		OS	DGF C-VI 11a : 2016 (mod.) + DGF C-VI 10a : 2016 (mod.)
Decanoic acid / C10:0 / Capric acid	%	3,5		OS	DGF C-VI 11a : 2016 (mod.) + DGF C-VI 10a : 2016 (mod.)
Dodecanoic acid / C12:0 / Lauric acid	%	<0,1 [2)]		OS	DGF C-VI 11a : 2016 (mod.) + DGF C-VI 10a : 2016 (mod.)
Tetradecanoic acid / C14:0 / Myristic acid	%	0,3		OS	DGF C-VI 11a : 2016 (mod.) + DGF C-VI 10a : 2016 (mod.)
Tetradec-9-enoic acid (9Z) / C14:1 (9Z) / Myristoleic acid	%	<0,1 [2)]		OS	DGF C-VI 11a : 2016 (mod.) + DGF C-VI 10a : 2016 (mod.)
Pentadecanoic acid (C 15:0)	%	0,5		OS	DGF C-VI 11a : 2016 (mod.) + DGF C-VI 10a : 2016 (mod.)
Palmitic acid (C 16:0)	%	8,1		OS	DGF C-VI 11a : 2016 (mod.) + DGF C-VI 10a : 2016 (mod.)
Hexadecanoic acid trans-isomers C 16:1 trans	%	<0,1 [2)]		OS	DGF C-VI 11a : 2016 (mod.) + DGF C-VI 10a : 2016 (mod.)

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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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Palmitoleinic acid (C 16:1)	%	0,1		OS	DGF C-VI 11a : 2016 (mod.) + DGF C-VI 10a : 2016 (mod.)
Hexadecadioic acid C16:2 (n-4)	%	<0,1[2)]		OS	DGF C-VI 11a : 2016 (mod.) + DGF C-VI 10a : 2016 (mod.)
Hexadecatrienic acid C16:3 omega-3	%	0,1		OS	DGF C-VI 11a : 2016 (mod.) + DGF C-VI 10a : 2016 (mod.)
Margaric acid (C 17:0)	%	0,5		OS	DGF C-VI 11a : 2016 (mod.) + DGF C-VI 10a : 2016 (mod.)
Heptadecenoic acid (C 17:1)	%	<0,1[2)]		OS	DGF C-VI 11a : 2016 (mod.) + DGF C-VI 10a : 2016 (mod.)
Stearic acid (C 18:0)	%	1,2		OS	DGF C-VI 11a : 2016 (mod.) + DGF C-VI 10a : 2016 (mod.)
Octadecenoic acid trans-isomers C 18:1 trans	%	<0,2[2)]		OS	DGF C-VI 11a : 2016 (mod.) + DGF C-VI 10a : 2016 (mod.)
Oleic acid C 18:1	%	5,1		OS	DGF C-VI 11a : 2016 (mod.) + DGF C-VI 10a : 2016 (mod.)
Petroselinic acid C 18:1	%	<0,1[2)]		OS	DGF C-VI 11a : 2016 (mod.) + DGF C-VI 10a : 2016 (mod.)
cis-vaccenic acid C 18:1	%	0,3		OS	DGF C-VI 11a : 2016 (mod.) + DGF C-VI 10a : 2016 (mod.)
Octadecadienoic acid trans-isomers C 18:2 trans	%	<0,3[2)]		OS	DGF C-VI 11a : 2016 (mod.) + DGF C-VI 10a : 2016 (mod.)
Linoleic acid C 18:2 omega-6	%	1,1		OS	DGF C-VI 11a : 2016 (mod.) + DGF C-VI 10a : 2016 (mod.)
Octadecatetrienic acid, trans-isomers C 18:3 trans	%	<0,4[2)]		OS	DGF C-VI 11a : 2016 (mod.) + DGF C-VI 10a : 2016 (mod.)
alpha-linolenic acid C 18:3 omega-3	%	0,3		OS	DGF C-VI 11a : 2016 (mod.) + DGF C-VI 10a : 2016 (mod.)
gamma-linolenic acid C 18:3 omega-6	%	<0,1[2)]		OS	DGF C-VI 11a : 2016 (mod.) + DGF C-VI 10a : 2016 (mod.)
Stearidonic acid C 18:4 omega-3	%	0,2		OS	DGF C-VI 11a : 2016 (mod.) + DGF C-VI 10a : 2016 (mod.)
Arachic acid C 20:0	%	0,4		OS	DGF C-VI 11a : 2016 (mod.) + DGF C-VI 10a : 2016 (mod.)
Eicosenoic acid C 20:1	%	<0,2[2)]		OS	DGF C-VI 11a : 2016 (mod.) + DGF C-VI 10a : 2016 (mod.)
Eicosadienic acid C 20:2 omega-6	%	<0,1[2)]		OS	DGF C-VI 11a : 2016 (mod.) + DGF C-VI 10a : 2016 (mod.)
Eicosatrienoic acid C 20:3 omega-3	%	<0,1[2)]		OS	DGF C-VI 11a : 2016 (mod.) + DGF C-VI 10a : 2016 (mod.)
Eicosatrienoic acid C 20:3 omega-6	%	0,2		OS	DGF C-VI 11a : 2016 (mod.) + DGF C-VI 10a : 2016 (mod.)
Arachidonic acid C 20:4 omega-6	%	2,0		OS	DGF C-VI 11a : 2016 (mod.) + DGF C-VI 10a : 2016 (mod.)
Eicosapentaenic acid C 20:5 omega-3	mg/4 gummies	39,6	33	OS	DGF C-VI 11a : 2016 (mod.) + DGF C-VI 10a : 2016 (mod.)
Eicosatetraenic acid C 20:4 omega-3	%	1,2		OS	DGF C-VI 11a : 2016 (mod.) + DGF C-VI 10a : 2016 (mod.)
Henicosanoic acid C 21:0	%	<0,1[2)]		OS	DGF C-VI 11a : 2016 (mod.) + DGF C-VI 10a : 2016 (mod.)
Docosanoic acid C22:0	%	0,6		OS	DGF C-VI 11a : 2016 (mod.) + DGF C-VI 10a : 2016 (mod.)

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Docosenoic acid trans-isomers C 22:1 trans	%	<0,1[2)]		OS	DGF C-VI 11a : 2016 (mod.) + DGF C-VI 10a : 2016 (mod.)
Cetoleinic acid C 22:1	%	<0,1[2)]		OS	DGF C-VI 11a : 2016 (mod.) + DGF C-VI 10a : 2016 (mod.)
Eruic acid (docosenic acid) C 22:1	%	<0,1[2)]		OS	DGF C-VI 11a : 2016 (mod.) + DGF C-VI 10a : 2016 (mod.)
Docosadienic acid C 22: 2 omega-6	%	<0,1[2)]		OS	DGF C-VI 11a : 2016 (mod.) + DGF C-VI 10a : 2016 (mod.)
Docosatrienic acid C 22: 3	%	<0,1[2)]		OS	DGF C-VI 11a : 2016 (mod.) + DGF C-VI 10a : 2016 (mod.)
Docosatetraenic acid C 22:4 omega-6	%	0,1		OS	DGF C-VI 11a : 2016 (mod.) + DGF C-VI 10a : 2016 (mod.)
Docosapentaenic acid C 22:5 omega-3	%	1,8		OS	DGF C-VI 11a : 2016 (mod.) + DGF C-VI 10a : 2016 (mod.)
Docosapentaenic acid C22:5 omega-6	%	5,8		OS	DGF C-VI 11a : 2016 (mod.) + DGF C-VI 10a : 2016 (mod.)
Docosahexaenic acid C 22:6 omega-3	mg/4 gummies	74,4	67	OS	DGF C-VI 11a : 2016 (mod.) + DGF C-VI 10a : 2016 (mod.)
Tricosanoic acid C 23:0	%	<0,1[2)]		OS	DGF C-VI 11a : 2016 (mod.) + DGF C-VI 10a : 2016 (mod.)
Lignoceric acid C 24:0	%	0,1		OS	DGF C-VI 11a : 2016 (mod.) + DGF C-VI 10a : 2016 (mod.)
Nervonic acid C 24:1	%	<0,1[2)]		OS	DGF C-VI 11a : 2016 (mod.) + DGF C-VI 10a : 2016 (mod.)
Sum saturated fatty acids	%	19,7[1)]		OS	calculated
Sum monounsaturated fatty acids	%	5,5[1)]		OS	calculated
Sum polyunsaturated fatty acids	%	74,4[1)]		OS	calculated
Sum trans fatty acids	%	<0,1[1),2)]		OS	calculated

[1)] Single values below the detection or quantification limit were not taken into account.
[2)] Explanation: "<" or "n.q." represent the fact that the concentration of the analyte is below the limit of quantification (LOQ).
Explanation: Substance: OS=original substance, DS=dry substance

Additional information:

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----------

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

DGF C-VI 11a : 2016 (mod.) + DGF C-VI 10a : 2016 (mod.)	also in milk fats, use original sample without fat extraction with adapted reaction conditions, n-heptane instead of isooctane, Na2SO4 without pre-annealing, testing of GC-FID response with reference

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%

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confidence level (confidence interval). Deviations from this are indicated as entries in the column "Deviating determination method".

Parameter	Deviating determination method	Analytical measurement uncertainty
Octanoic acid / C8:0 / Caprylic acid, Decanoic acid / C10:0 / Capric acid, Palmitic acid (C 16:0), Oleic acid C 18:1, Eicosapentaenic acid C 20:5 omega-3, Docosahexaenic acid C 22:6 omega-3, Docosapentaenic acid C22:5 omega-6		10%
Tetradecanoic acid / C14:0 / Myristic acid, Pentadecanoic acid (C 15:0), Palmitoleinic acid (C 16:1), cis-vaccenic acid C 18:1, alpha-linolenic acid C 18:3 omega-3, Stearidonic acid C 18:4 omega-3, Arachic acid C 20:0, Docosatetraenic acid C 22:4 omega-6, Lignoceric acid C 24:0, Hexadecatrienic acid C16:3 omega-3, Eicosatrienoic acid C 20:3 omega-6	Estimation	30%
Margaric acid (C 17:0), Stearic acid (C 18:0), Linoleic acid C 18:2 omega-6, Arachidonic acid C 20:4 omega-6, Docosanoic acid C22:0, Docosapentaenic acid C 22:5 omega-3, Eicosatetraenic acid C 20:4 omega-3		20%

Start of testing: 26.06.2026
End of testing: 09.07.2026

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.

AGROLAB LUFA GmbH, Service-Team L3, Phone: 0431 1228-339
Email: serviceteaml3.lufa@agrolab.de
Group leader: Maike von Fintel
Food chemist/counter-sampling expert

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