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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: 11.11.2026

Order	3874517 Wowtamins Kids Complete Gummies (Zucker)
Analysis number	313381
Customer sample description	Kids Complete Gummies (Zucker); Nahrungsergänzungsmittel mit Vitaminen, Mineralstoffen und DHA- und EPA-reichem Öl aus der Mikroalge Schizochyrtrium sp.; Charge: L261316; MHD: 31.03.2028
Sample acceptance	19.10.2026
Date of sampling	no information
Brand	wowtamins
Packaging	1x Original, 340 g, 120 Stück

Additional information:
Zur Berechnung des Gehaltes an DHA und EPA wurde der auf der Probe deklarierte Gehalt an Algenöl von 185 mg pro 4 Gummies herangezogen.

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

For the calculation of the DHA and EPA content, the declared algae oil content of 185 mg per 4 gummies was used.

Fatty acid distribution expressed in % of total fatty acids

Parameter	Unit	Value in OS [2)]	Declaration
Octanoic acid / C8:0 / Caprylic acid	%	3,7	
Decanoic acid / C10:0 / Capric acid	%	2,8	
Dodecanoic acid / C12:0 / Lauric acid	%	<0,1[4)]	
Tetradecanoic acid / C14:0 / Myristic acid	%	1,5	
Tetradec-9-enoic acid (9Z) / C14:1 (9Z) / Myristoleic acid	%	<0,1[4)]	
Pentadecanoic acid (C 15:0)	%	<0,1[4)]	
Palmitic acid (C 16:0)	%	14,4	
Hexadecanoic acid trans-isomers C 16:1 trans	%	<0,1[4)]	
Palmitoleinic acid (C 16:1)	%	<0,1[4)]	

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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Hexadecadioic acid C16: 2 (n-4)	%	<0,1[4]	
Hexadecatrienic acid C16:3 omega-3	%	<0,1[4]	
Margaric acid (C 17:0)	%	<0,1[4]	
Heptadecenoic acid (C 17:1)	%	<0,1[4]	
Stearic acid (C 18:0)	%	1,2	
Octadecenoic acid trans-isomers C 18:1 trans	%	<0,2[4]	
Oleic acid C 18:1	%	1,4	
Petroselinic acid C 18:1	%	<0,1[4]	
cis-vaccenic acid C 18:1	%	<0,2[4]	
Octadecadienoic acid trans-isomers C 18:2 trans	%	<0,3[4]	
Linoleic acid C 18:2 omega-6	%	0,8	
Octadecatetrienic acid, trans-isomers C 18:3 trans	%	<0,4[4]	
alpha-linolenic acid C 18: 3 omega-3	%	<0,1[4]	
gamma-linolenic acid C 18:3 omega-6	%	<0,1[4]	
Stearidonic acid C 18:4 omega-3	%	0,2	
Arachic acid C 20:0	%	0,3	
Eicosenoic acid C 20:1	%	<0,2[4]	
Eicosadienic acid C 20:2 omega-6	%	<0,1[4]	
Eicosatrienoic acid C 20:3 omega-3	%	<0,1[4]	
Eicosatrienoic acid C 20: 3 omega-6	%	<0,1[4]	
Arachidonic acid C 20:4 omega-6	%	1,8	
Eicosapentaenic acid C 20:5 omega-3	mg/4 gummies	39,2	33
Eicosatetraenic acid C 20:4 omega-3	%	0,7	
Henicosanoic acid C 21: 0	%	<0,1[4]	
Docosanoic acid C22:0	%	<0,1[4]	
Docosenoic acid trans-isomers C 22:1 trans	%	<0,1[4]	
Cetoleinic acid C 22:1	%	<0,1[4]	
Eruic acid (docosenic acid) C 22:1	%	<0,1[4]	
Docosadienic acid C 22: 2 omega-6	%	<0,1[4]	
Docosatrienic acid C 22: 3	%	<0,1[4]	

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Parameter	Unit	Value in OS [2]	Declaration
Docosatetraenic acid C 22:4 omega-6	%	<0,1[4]	
Docosapentaenic acid C 22:5 omega-3	%	2,4	
Docosapentaenic acid C22:5 omega-6	%	7,0	
Docosahexaenic acid C 22:6 omega-3	mg/4 gummies	74,9	67
Tricosanoic acid C 23:0	%	<0,1[4]	
Lignoceric acid C 24:0	%	<0,1[4]	
Nervonic acid C 24:1	%	<0,1[4]	
Sum saturated fatty acids	%	23,9[1]	
Sum monounsaturated fatty acids	%	1,4[1]	
Sum polyunsaturated fatty acids	%	74,6[1]	
Sum trans fatty acids	%	<0,1[1),4]	

[1] Single values below the detection or quantification limit were not taken into account.
[2] The values refer to the original substance (OS).
[3] Where results are given in [%], the expanded uncertainty stated in [%] shall be considered relative to the result.
[4] The symbols "<" or "n.q." indicate that the obtained result is below the limit of quantification.

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.

List of methods

calculated	Sum monounsaturated fatty acids • Sum polyunsaturated fatty acids • Sum saturated fatty acids • Sum trans fatty acids
DGF C-VI 11a : 2016 (mod.) + DGF C-VI 10a : 2016 (mod.)	Arachic acid C 20:0 • Arachidonic acid C 20:4 omega-6 • Cetoleinic acid C 22:1 • Decanoic acid / C10:0 / Capric acid • Docosadienic acid C 22:2 omega-6 • Docosahexaenic acid C 22:6 omega-3 • Docosanoic acid C22:0 • Docosapentaenic acid C 22:5 omega-3 • Docosapentaenic acid C22:5 omega-6 • Docosatetraenic acid C 22:4 omega-6 • Docosatrienic acid C 22:3 • Docosenoic acid trans-isomers C 22:1 trans • Dodecanoic acid / C12:0 / Lauric acid • Eicosadienic acid C 20:2 omega-6 • Eicosapentaenic acid C 20:5 omega-3 • Eicosatetraenic acid C 20:4 omega-3 • Eicosatrienoic acid C 20:3 omega-3 • Eicosatrienoic acid C 20:3 omega-6 • Eicosenoic acid C 20:1 • Eruic acid (docosenic acid) C 22:1 • Henicosanoic acid C 21:0 • Heptadecenoic acid (C 17:1) • Hexadecadioic acid C16:2 (n-4) • Hexadecanoic acid trans-isomers C 16:1 trans • Hexadecatrienic acid C16:3 omega-3 • Lignoceric acid C 24:0 • Linoleic acid C 18:2 omega-6 • Margaric acid (C 17:0) • Nervonic acid C 24:1 • Octadecadienoic acid trans-isomers C 18:2 trans • Octadecatetrienic acid, trans-isomers C 18:3 trans • Octadecenoic acid trans-isomers C 18:1 trans • Octanoic acid / C8:0 / Caprylic acid • Oleic acid C 18:1 • Palmitic acid (C 16:0) • Palmitoleinic acid (C 16:1) • Pentadecanoic acid (C 15:0) • Petroselinic acid C 18:1 • Stearic acid (C 18:0) • Stearidonic acid C 18:4 omega-3 • Tetradec-9-enoic acid (9Z) / C14:1 (9Z) / Myristoleic acid • Tetradecanoic acid / C14:0 / Myristic acid • Tricosanoic acid C 23:0 • alpha-linolenic acid C 18:3 omega-3 • cis-vaccenic acid C 18:1 • gamma-linolenic acid C 18:3 omega-6

Norm modification

DGF C-VI 11a : 2016 (mod.) + DGF C-VI 10a : 2016 (mod.)	Extension to food and feed; original sample without fat extraction, with modified reagents: n-heptane instead of isooctane, NaSO without pre-calcination, check the GC-FID with a reference sample

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

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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
Octanoic acid / C8:0 / Caprylic acid, Decanoic acid / C10:0 / Capric acid, Palmitic acid (C 16:0), Eicosapentaenic acid C 20:5 omega-3, Docosapentaenic acid C 22:5 omega-3, Docosahexaenic acid C 22:6 omega-3, Docosapentaenic acid C22:5 omega-6		10%[3)]
Tetradecanoic acid / C14:0 / Myristic acid, Stearic acid (C 18:0), Oleic acid C 18:1, Linoleic acid C 18:2 omega-6, Arachidonic acid C 20:4 omega-6, Eicosatetraenic acid C 20:4 omega-3		20%[3)]
Stearidonic acid C 18:4 omega-3, Arachic acid C 20:0	Estimation	30%[3)]

Start of testing: 19.10.2026
End of testing: 03.11.2026

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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