

REPORT OF ANALYSIS No. 408908/17/SGDY/Z1
 Replaces Report of Analysis No. 408908/17/SGDY of 2017-11-03

Client EWMAR-NESS SP. Z O.O. ZARUSKIEGO 3 41-219 SOSNOWIEC	Sample description (according to declaration of Client) CHEERS VIT D3 + K2 Lot: 1051710 Best before: 30-09-2019 Sample without any visible damages
Sample received: 2017-10-06	Order of 2017-10-04 The samples were delivered by Client
Analysis completed: 2017-11-03	
Report dated: 2017-12-20	

Test	Method	Unit	Result	Criteria	Parameter consistent/inconsistent
* Enumeration of mesophilic aerobic bacteria ¹⁾	EN ISO 4833-1:2013-12	cfu/g	7,0x10 ¹	-	-
* Enumeration of fungi (molds and yeasts) ¹⁾	PN-ISO 7954:1999	cfu/ g	<1,0x10 ¹	-	-
* Detection of Escherichia coli ¹⁾	PN-ISO 7251:2006		absent in 1 g	-	-
* Detection of coagulase-positive staphylococci (Staphylococcus aureus and other species) ¹⁾	PN-EN ISO 6888-3:2004+AC:2005		absent in 1 g	-	-
* Detection of Salmonella spp ¹⁾	PN-EN ISO 6579:2003+AC:2014-11		absent in 25 g	-	-
* Polycyclic aromatic hydrocarbons (PAHs) ²⁾³⁾	PB-117/HPLC ed. V of 18.01.2016				
Benzo(a)pyrene		µg/kg	< 1,0	≤ 10,0	consistent
Σ PAHs (Benzo(a)pyrene, Benz(a)anthracene, Chrysene, Benzo(b)fluoranthene)		µg/kg	below quantification limit	≤ 50,0	consistent
* Vitamin D3 (cholecalciferol) ⁴⁾⁵⁾	PN-EN 12821:2009	µg/capsule	48,4 ± 7,3	50,00 +50%/-20%	-
* Cadmium ²⁾	PB-68/ICP ed. III of 18.09.2012	mg/kg	0,015	≤ 1,0	consistent
* Lead ²⁾	PB-68/ICP ed. III of 18.09.2012	mg/kg	0,05	≤ 3,0	consistent
* Mercury ²⁾	PB-30/CVAAS ed. V of 18.09.2012	mg/kg	0,0055	≤ 0,10	consistent
# * Vitamin K ₂ ⁵⁾⁶⁾	USP 31 NF26 + EN 14148 mod. /LC-FLD				
Menaquinone 7 ⁶⁾⁷⁾		µg/capsule	38,5 ± 7,7	100	-
Menaquinone 4 ⁶⁾		µg/capsule	< 0,325	-	-
* GMO - triple screening ⁸⁾	PB-137 ed. III; 15.01.2016				
Detection of specific DNA sequences for the 34S promoter FMV			not detected	-	-
Detection of specific DNA sequences for the 35S promoter			not detected	-	-
Detection of specific DNA sequences for the NOS terminator			not detected	-	-

¹⁾ Commission Regulation (EC) No 2073/2005 of 15 November 2005. as amended, on microbiological criteria for foodstuffs.

²⁾ Commission Regulation (EC) No 1881/2006 of 19 December 2006, as amended, setting maximum levels for certain contaminants in foodstuffs.

³⁾ Limit of quantification for benzo(a)pyrene, benz(a)anthracene, chrysene, benzo(b)fluoranthene: 1,0 µg/kg.

⁴⁾ Client Specification – undefined threshold values.

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 Ewelina Ciunel, Chemical Testing Expert
 Hanna Tyszkiewicz, Spectroscopy Laboratory Manager
 Paulina Połosak, Senior Specialist Analyst, Microbiology Laboratory
 Zaneta Nowińska-Słowik, Senior Specialist analyst, Liquid Chromatography Laboratory
 Approved by: Hanna Wachowska, Laboratory Director (*Approved with electronic signature*)

Laboratory: Gdynia 81-571, Chwasczyńska 180

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* Test method accredited, PCA; # Test performed by subcontractor

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- 5) Weight of capsule 650 mg was declared by the Client.
- 6) Client specification.
- 7) Undefined threshold values.
- 8) Limit of detection < 5 DNA copies.

Test: Vitamin K₂ was performed by a sub-contractor with a accreditation number DANAK nr 222

END OF REPORT

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