HAMILTON

AB 079

REPORT OF ANALYSIS No. 126443/21/SGDY

Client		Sample description *(according to declaration of Client)*
DR ANDRE SP. Z O.O. FORDOŃSKA 46 85-719 BYDGOSZCZ		**Order no 4000/2021/SGDY/1013/12895 of 2021-02-25** The samples were delivered by Client
Sample received:	**2021-03-09**	
Analysis completed (the date of performance of the laboratory activity):	**2021-03-26**	
Report dated:	**2021-03-26**	

Test	Method	Unit	Result
Enumeration of anaerobic termophilic bacteria	PB-99 ed. II 31.05.2019	cfu/g	< $1{,}0x10^1$
* Enumeration of yeast and moulds	PN-ISO 21527-2:2009		
Enumeration of moulds		cfu/g	< $1{,}0x10^1$
Enumeration of yeast		cfu/g	< $1{,}0x10^1$
* Detection of Escherichia coli	PN-ISO 7251:2006		not detected in 1 g
* Detection of coagulase-positive staphylococci (Staphylococcus aureus and other species) in 1g	PN-EN ISO 6888-3:2004+AC:2005		not detected in 1 g
* Detection of Listeria monocytogenes in 25g	PN-EN ISO 11290-1:2017-07		not detected
* Detection of Salmonella spp. in 25g	PN-EN ISO 6579-1:2017-04		not detected
* Chromium	PB-223/ICP, ed. II of 12.01.2015	µg/100 g	62
* Tin	PB-223/ICP, ed. II of 12.01.2015	mg/kg	< 0,25
* Zinc	PB-223/ICP, ed. II of 12.01.2015	mg/100 g	11,1
Phosphorus	PB-223/ICP, ed. II of 12.01.2015	mg/100 g	1751
Cobalt	PB-223/ICP, ed. II of 12.01.2015	mg/kg	0,14
* Magnesium	PB-223/ICP, ed. II of 12.01.2015	mg/100 g	649
* Manganese	PB-223/ICP, ed. II of 12.01.2015	mg/100 g	6,80
* Copper	PB-223/ICP, ed. II of 12.01.2015	mg/100 g	2,16
Molybdenum	PB-223/ICP, ed. II of 12.01.2015	µg/100 g	166
Potassium	PB-223/ICP, ed. II of 12.01.2015	mg/100 g	1442
* Selenium	PB-223/ICP, ed. II of 12.01.2015	µg/100 g	7,0
* Sodium	PB-223/ICP, ed. II of 12.01.2015	mg/100 g	12,4
* Sodium	PB-223/ICP, ed. II of 12.01.2015	mg/100 g	12,4
* Calcium	PB-223/ICP, ed. II of 12.01.2015	mg/100 g	228
* Iron	PB-223/ICP, ed. II of 12.01.2015	mg/100 g	21,4
* Vitamin A and vitamin E	PB-40/HPLC ed. III of 28.02.2009		
Vitamin A (retinol)		µg/100 g	20,3
Vitamin E (α-tocopherol)		mg/100 g	18,8
* Vitamin B_1 (thiamine) and B_2 (ryboflavin)	PN-EN 14122:2014-07; PN-EN 14152:2014-07		
Vitamin B_1 (thiamine)		mg/100 g	0,73
Vitamin B_2 (ryboflavin)		mg/100 g	1,60
* Vitamin B_{12} (cyanocobalamin)[1)]	PB-328 ed. I 30.11.2015	µg/100 g	3,92
* Vitamin B_3 (niacin)	EN 15652:2009	mg/100 g	15,0

Authorized by: Anna Polanin, Manager of Microbiology Laboratory Szczecin
Beata Zajkowska, Chemical Specialist
Dorota Ryszewska, Expert Analyst, Vitamin Analysis Laboratory
Katarzyna Szpinda, Expert Analyst, Spectroscopy Laboratory
Marcin Kubiak, Vitamins Testing Laboratory Manager
Approved by: Hanna Wachowska, Laboratory Director *(Approved with electronic signature)*

Laboratory: Szczecin 70-605, ul. Ks. Stanisława Kujota 8; Gdynia 81-571, Chwaszczyńska 180

* Test method accredited; # Test performed by external provider

Form PO-10/02a of 20.01.2020

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* Vitamin B_5 (pantothenic acid)[2)]	PB-325 ed. I 30.11.2015	mg/100 g	6,11
* Vitamin B_6 (pyridoxine)	PN-EN 14164:2014-08	mg/100 g	0,40
* Vitamin B_7 (biotin)[3)]	PB-326 ed. I 30.11.2015	µg/100 g	31,0
* Vitamin B_9 (folic acid)[4)]	PB-327 ed. I 30.11.2015	µg/100 g	650
* Vitamin D3 (cholecalciferol)	PN-EN 12821:2009	µg/100 g	< 0,25
# * Iodine	VDLUFA VII, 2.2.2.3; 2011	mg/kg	< 0,10

[1)] Specificity: cobalamin, cyanocobalamin, hydroxycobalamin, methylocobalamin, adenosylcobalamin. No cross reactivity.

[2)] Specificity: pantothenic acid, sodium pantothenate, calcium pantothenate. No cross reactivity.

[3)] Specificity: D-biotin. No cross reactivity.

[4)] Specificity: folic acid (pteroyl-L-glutamic acid), natural endogenous formats, levomefolic acid. No cross reactivity.

Test: Iodine was performed by external provider with an accreditation number D-PL-14165-01-00

THE END OF THE REPORT

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