


TEST REPORT NO 194325/24/GDY

Client Independent Claims Surveyors Polska Sp. Z.O.O ul. Grodziska 23b 60-363 Poznań		Sample (according to declaration of Client) Sample description: Carrot flakes
Sample reception date:	03.04.2024	Sample status: no objections Sample received from the Client
Start of analysis	03.04.2024	
End of analysis	15.04.2024	
Test report date	15.04.2024	

Test Method	Unit	Result	Criteria	Statement of conformity
Moisture PN-ISO 1026:2000				
Moisture ¹⁾	%	7,7 ± 0,8	≤ 8	Pass
	g/100 g	7,7 ± 0,8	≤ 8	Pass
* Sugars - profile ^{1) 2) 3)} PB-429 ed. II of 23.05.202				
Fructose	g/100 g	3,4 ± 0,7	-	-
	%	3,4 ± 0,7	-	-
Galactose	g/100 g	< 0,10 (0,10 ± 0,02)	-	-
	%	< 0,10 (0,10 ± 0,02)	-	-
Glucose	g/100 g	39,7 ± 7,9	-	-
	%	39,7 ± 7,9	-	-
Lactose	g/100 g	< 0,10 (0,10 ± 0,02)	-	-
	%	< 0,10 (0,10 ± 0,02)	-	-
Maltose	g/100 g	< 0,10 (0,10 ± 0,02)	-	-
	%	< 0,10 (0,10 ± 0,02)	-	-
Sucrose	g/100 g	14,3 ± 2,9	-	-
	%	14,3 ± 2,9	-	-
Total sugars	g/100 g	57,5 ± 11,5	38,8 ± 20%	Fail
	%	57,5 ± 11,5	38,8 ± 20%	Fail
* Sulphur dioxide (SO ₂) ³⁾ PN-A-75101-23:1990 (withdrawn); PN-A-75101-23:1990/Az2:2002 (distillation method) (withdrawn)				
Sulphur dioxide (SO ₂) ¹⁾	mg/kg	<10 (10±2)	-	-
	%	<10 (10±2)	-	-
Foreign bodies ¹⁾ PB-428 ed. I of 14.08.2020	%	not found	-	-



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Mechanical and organic impurities ¹⁾ visual	-	visible powder, lumps and particles of olive, beige-brown and black colour	-	-
Organoleptic testing (1 assessor) ¹⁾ PB-292 ed. I of 03.06.2019				
Appearance	-	pieces and particles of dried carrots and powder and lumps; ingredients varied in terms of size	according to the specification	Fail
Colour	-	carrots- from creamy-orange to orange-red, visible particles of olive, beige-brown and black colour; powder- creamy-beige	according to the specification	Fail
Texture	-	carrots- loose, quite soft; powder - loose, visible lumps	-	-
Odour	-	typical for the product, carrot, without any foreign odours	according to the specification	Pass
* Aerobic colony count at 30°C ¹⁾ PN-EN ISO 4833-1:2013-12	cfu/g	<1,0x10 ¹	<1,0x10 ⁵	Pass
* Number of yeasts and moulds at 25°C ¹⁾ PN-ISO 21527-2:2009 (withdrawn)				
Number of yeasts	cfu/g	<1,0x10 ¹	<1,0x10 ³	Pass
Number of moulds	cfu/g	1,0x10 ²	<1,0x10 ³	Pass
* Number of coliforms at 37°C PN-ISO 4832:2007	cfu/g	<1,0x10 ¹	-	-
* Number of presumptive Bacillus cereus at 30°C ¹⁾ PN-EN ISO 7932:2005; PN-EN ISO 7932:2005/A1:2020-09	cfu/g	<1,0x10 ¹	-	-
* Presence of Salmonella spp. in 25 g ¹⁾ PN-EN ISO 6579-1:2017-04; PN-EN ISO 6579-1:2017-04/A1:2020-09	in 25 g	Not detected	Absent	Pass

1) Client specification.

2) Guidance Document for competent authorities for the control of compliance with EU legislation on: Regulation (EU) No 1169/2011 of the European Parliament and of the Council of 25 October 2011 on the provision of food information to consumers, amending Regulations (EC) No 1924/2006 and (EC) No 1925/2006 of the European Parliament and of the Council, and repealing Commission Directive 87/250/EEC, Council Directive 90/496/EEC, Commission Directive 1999/10/EC, Directive 2000/13/EC of the European Parliament and of the Council, Commission Directives 2002/67/EC and 2008/5/EC and Commission Regulation (EC) No 608/2004 and Council Directive 90/496/EEC of 24 September 1990 on nutrition labelling of foodstuffs and Directive 2002/46/EC of the European Parliament and of the Council of 10 June 2002 on the approximation of the laws of the Member States relating to food supplements with regard to the setting of tolerances for nutrient values declared on a label, December 2012. Table 1.

3) The lower limit of the measuring range of the accredited method, which is also the limit of quantification set by the Laboratory.

Authorized by:

ID: 106, Analysis Expert, Microbiology Laboratory
 ID: 283, Analysis Expert, Sample Homogenization and Physical Analysis Section
 ID: 346, Analysis Expert, Nutrition Analysis Laboratory
 ID: 368, Analysis Expert, Microbiology Laboratory
 ID: 394, Analysis Expert, Liquid Chromatography Laboratory
 ID: 492, Analysis Expert, Sensory Analysis Laboratory
 ID: 548, Analysis Expert, Classical Analysis Laboratory

The test report bears the certified electronic seal of J.S. Hamilton Poland Sp. z o.o.

Laboratory address:
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The results refer only to the samples received. When a measurement uncertainty is given, it is an expanded uncertainty estimated for a coverage factor $k=2$ at 95% confidence level and is not including sampling uncertainty, unless otherwise stated. When the conformity is stated J.S. Hamilton Poland Sp. z o.o. applies the simple acceptance decision rule in accordance with ILAC-G8:09/2019, unless otherwise reported. If the "result" column of the accredited method contains a record: "<" or ">", it means, that it is the test outcome directly related to the lower or upper limit of the measuring range of the accredited method, whereas the given expanded measurement uncertainty relates only to the lower or upper limit of the measuring range of the accredited method respectively. In such a case, the Laboratory presents the opinion and interpretation in the "statement of conformity" column, which is based on the obtained test outcome. This test report may not be copied in part without the prior written permission of J.S. Hamilton Poland Sp. z o.o. The responsibility of J.S. Hamilton Poland Sp. z o.o. is limited solely to the data issued in its original. J.S. Hamilton Poland Sp. z o.o. does not permit the use of the PCA accreditation symbol AB 079 by customers, subcontractors, external service providers and other third parties. For further information please refer to the PCA document - DA-02. The service confirmed by this report is subject to the General Terms and Conditions of Services of J.S. Hamilton Poland Sp. z o.o. published on www.hamilton.com.pl.

* Test method accredited

Test performed by external provider

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