



## TEST REPORT NO 627692/23/GDY

Client <b>NATU CARE SPÓŁKA Z OGRANICZONĄ ODPOWIEDZIALNOŚCIĄ</b> Okopowa 58/72 01-042 Warszawa		Sample (according to declaration of Client) Sample description: Collagen Premium 5000 mg, mango-passion fruit Batch: 492223 Production date: 06.11.2023 Expiry date: 31.12.2025	
Sample reception date:	15.11.2023	Sample status: no objections  Sample received from the Client	
Start of analysis	15.11.2023		
End of analysis	14.12.2023		
Test report date	14.12.2023		

Test Method	Unit	Result	Criteria	Statement of conformity
* Allergen content - gluten (Mendez R5 antibodies) <sup>2)3)</sup> PB-394 ed. III of 23.04.2020 based on the manufacturer's instructions	mg/kg	below limit of detection	≤20	Pass
* Content of elements <sup>4)</sup> PN-EN 15763:2010				
Lead (Pb)	mg/kg	< 0,010 (0,010 ± 0,003)	-	-
Arsenic (As)	mg/kg	0,37 ± 0,07	-	-
Cadmium (Cd)	mg/kg	< 0,0010 (0,0010 ± 0,0002)	-	-
Mercury (Hg)	mg/kg	< 0,0010 (0,0010 ± 0,0002)	-	-
* Aerobic colony count at 30°C PN-EN ISO 4833-2:2013-12	cfu/g	<1,0x10 <sup>2</sup>	-	-
* Number of yeasts and moulds at 25°C PN-ISO 7954:1999 (withdrawn)	cfu/g	<1,0x10 <sup>1</sup>	-	-
* Presence of coagulase-positive staphylococci (Staphylococcus aureus and other species) in 1 g PN-EN ISO 6888-3:2004; PN-EN ISO 6888-3:2004/AC:2005	in 1 g	Not detected	-	-
* Presence of Escherichia coli in 1 g PN-ISO 7251:2006	in 1 g	Not detected	-	-
* Presence of Salmonella spp. in 25 g PN-EN ISO 6579-1:2017-04; PN-EN ISO 6579-1:2017-04/A1:2020-09	in 25 g	Not detected	-	-
* Presence of Listeria spp. in 25 g PN-EN ISO 11290-1:2017-07	in 25 g	Not detected	-	-
* Polycyclic aromatic hydrocarbons / PAHs <sup>4) 5) 6)</sup> PB-117/HPLC ed. VI of 20.01.2019				
Benzo(a)pyrene	µg/kg	< 1,0 (1,0 ± 0,2)	≤ 10,0	Pass
Sum of PAHs (benzo(a)pyrene, benzo(a)anthracene, chrysene, benzo(b)fluoranthene)	µg/kg	below quantification limit	≤ 50,0	Pass
* # Lactose free <sup>1)</sup> SLMB No. 501.2:2008, mod., SOP:00.15610.L, GC-FID	g/100 g	< 0,01	-	-



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- 1) The symbol "<" means below the limit of quantification of the analytical method.
- 2) Immunoenzymatic method ELISA.  
Limit of detection: 3 mg/kg.  
Limit of quantification: 5 mg/kg.  
Measurement range: 5-80 mg/kg.  
Specificity: the fraction of gluten from wheat, rye, barley.  
No cross reactivity to: adzuki bean, almond, black eye pea, bovine gelatin, brazil nut, rice, buckwheat, cashew, chestnut, chick pea, cocoa, coconut, shrimp, egg, golden flaxseed, lentil, green split peas, hazelnut, kidney bean, macadamia nut, pork, beef, chicken, turkey, oats, peanut, pecan, pine nut, pistachio, poppy seed, porcine gelatin, potato flour, pumpkin seed, rice, sesame seed, soy lecithin, soy, sunflower seed, tapioca, walnut, whey, corn syrup, wine, yeast, cinnamon (ground), peppercorn, cranberry, amaranth, corn, millet.
- 3) Commission Implementing Regulation (EU) No 828/2014 of 30 July 2014 on the requirements for the provision of information to consumers on the absence or reduced presence of gluten in food.
- 4) The lower limit of the measuring range of the accredited method, which is also the limit of quantification set by the Laboratory.
- 5) Limit of quantification for benzo(a)pyrene, benz(a)anthracene, chrysene, benzo(b)fluoranthene: 1,0 (1,0 ± 0,2) µg/kg.
- 6) Commission Regulation (EU) 2023/915 of 25 April 2023, as amended, on maximum levels for certain contaminants in food and repealing Regulation (EC) No 1881/2006.

Test: Lactose free was performed in laboratory with an accreditation number D-PL-14038-01-00

### Authorized by:

ID: 183, Analysis Expert, Microbiology Laboratory  
ID: 261, Analysis Expert, Microbiology Laboratory  
ID: 295, Analysis Expert, Spectrometry Laboratory  
ID: 394, Analysis Expert, Liquid Chromatography Laboratory  
ID: 591, Senior Analysis Specialist, Molecular Biology Laboratory

Subcontracted test results are authorised by persons authorised by the external provider.

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

### Laboratory address:

Chwaszczyńska 180, 81-571 Gdynia  
Goździków 1, 43-100 Tychy

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](http://www.hamilton.com.pl).

\* Test method accredited

# Test performed by external provider

THE END OF THE REPORT