


TEST REPORT NO. 36434/22/POZ/1

Client Wielkopolskie Przedsiębiorstwo Przemysłu Ziemniaczanego S.A. Armii Poznań 49 62-030 Luboń		Sample <i>(according to declaration of Client)</i> Sample description: Acetylated starch E1420, LU-1420 Batch: 02 Production date: 20.01.2022 Expiry date: 19.01.2024
Sample reception date:	31.01.2022	Sample status: no objections Sample received from the Client
Start of analysis:	31.01.2022	
End of analysis:	10.02.2022	
Test report date:	22.02.2022	

Test Method	Unit	Result
Sulphur dioxide (SO ₂) PN-A-74706:1984 (withdrawn)		
Sulphur dioxide (SO ₂)	mg/kg	<10
Moisture PN-EN ISO 1666:2000	%	19,0
* Number of coliforms at 37°C PN-ISO 4832:2007	cfu/g	<1,0x10 ¹
* 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 coagulase-positive staphylococci (Staphylococcus aureus and other species) in 0,1 g PN-EN ISO 6888-3:2004; PN-EN ISO 6888-3:2004/AC:2005	in 0,1 g	Not detected
* Number of presumptive Bacillus cereus at 30°C PN-EN ISO 7932:2005	cfu/g	<1,0x10 ¹
Ash PN-EN ISO 3593:2000	%	0,28
* Content of elements PN-EN 15763:2010		
Lead (Pb)	mg/kg	< 0,010 (0,010 ± 0,003)
Arsenic (As)	mg/kg	< 0,010 (0,010 ± 0,002)
Mercury (Hg)	mg/kg	0,0018
* Number of yeasts and moulds at 25°C PN-ISO 21527-2:2009 (withdrawn)		
Number of yeasts	cfu/g	<1,0x10 ¹
Number of moulds	cfu/g	<1,0x10 ¹

Authorized by:
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 Monika Przybyłowska, Senior Analysis Specialist, Classical Analysis Laboratory Gdynia

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Paulina Połosak, Analysis Expert, Microbiology Laboratory Gdynia

This report is approved by the qualified electronic seal of J.S. Hamilton Poland Sp. z o.o.

Laboratory address:
Chwaszczyńska 180, 81-571 Gdynia**THE END OF THE REPORT**

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