


TEST REPORT NO 413254/22/POZ/1

Client Wielkopolskie Przedsiębiorstwo Przemysłu Ziemniaczanego S.A. Armii Poznań 49 62-030 Luboń		Sample (according to declaration of Client) Sample description: Granulated starch LU-1432, production 2022 Batch: Produkcja 2022
Sample reception date:	16.09.2022	Sample status: no objections Sample received from the Client
Start of analysis	19.09.2022	
End of analysis	26.09.2022	
Test report date	27.09.2022	

Test Method	Unit	Result
* Content of elements ²⁾ PN-EN 15763:2010		
Lead (Pb)	mg/kg	< 0,010 (0,010 ± 0,002)
Arsenic (As)	mg/kg	< 0,010 (0,010 ± 0,003)
Cadmium (Cd)	mg/kg	0,0025
Mercury (Hg)	mg/kg	< 0,0010 (0,0010 ± 0,0002)
Sulphur dioxide (SO ₂) PN-A-74706:1984 (withdrawn)		
Sulphur dioxide (SO ₂)	mg/kg	<10
* Aerobic colony count at 30°C PN-EN ISO 4833-1:2013-12		
	cfu/g	4,5x10 ³
* Number of presumptive Bacillus cereus at 30°C PN-EN ISO 7932:2005		
	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
Moisture PN-EN ISO 1666:2000		
	%	5,53
* 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* Number of yeasts and moulds at 25°C PN-ISO 7954:1999 (withdrawn)		
Number of yeasts	cfu/g	6,0x10 ¹
Number of moulds	cfu/g	<1,0x10 ¹
pH PN-A-74706:1984 (withdrawn)		
	-	7,7
GMO - triple screening ¹⁾ PB-397 ed. III of 29.12.2021 based on the manufacturer's instructions		
Presence of a specific GMO sequence: 35S promoter	-	not detected

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Presence of a specific GMO sequence: NOS terminator	-	not detected
Presence of a specific GMO sequence: 34S promoter FMV	-	not detected

- 1) Real-time PCR method. Limit of detection: 35 S promoter: 0.01%; NOS terminator: 0.01%; 34S promoter (FMV): 0.01%.
- 2) The lower limit of the measuring range of the accredited method, which is also the limit of quantification set by the Laboratory.

Authorized by:

Agnieszka Duda, Analysis Expert, Microbiology Laboratory
Joanna Śpiewak, Analysis Expert, Classical Analysis Laboratory
Katarzyna Duczek, Analysis Expert, Microbiology Laboratory
Katarzyna Szpinda, Analysis Expert, Spectrometry Laboratory
Łukasz Gajewski, Senior Analysis Specialist, Molecular Biology Laboratory
Magda Igielska, Senior Analysis Specialist, Microbiology Laboratory

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 END OF THE REPORT

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* Test method accredited

Test performed by external provider