

**UKRAINE**  
**THE INDEPENDENT CENTRE OF LABORATORY RESEARCHES «ETALON»**  
 Accreditation Attestation NAAU (DSTU ISO/IEC 17025:2006) № 2H846 till March 09, 2020

63, Prospekt Myru Street, Khmelnytsky, Tel/Fax (0382) 78-90-78, E-mail: etalon125@ukr.net



2H846  
DSTU ISO/IEC 17025

**PROTOCOL №1413**  
 of testing  
 May, 17, 2019



**Customer, address, Tel/Fax:** Ukrstandart Certification Ltd., 1, Acad Alexandrova Street, Zaporozhye city, acting on an order  
 Private entrepreneur Farenik Arsentii, ITN: 3219418074 Address: Kyiv region, Pereyaslavske, 08420, Ukraine  
**Production name:** Wheat drinking straws  
**Date of production:** 2018  
**Production consignment size/Lot:** information was not provided  
**Statement of selection:** numberless of May, 06, 2019 (commission members: head's assistant Prykhod'ko A.B.)  
**Sample state and description:** in paper bag  
**Producing company:** Private entrepreneur Farenik Arsentii, ITN: 3219418074 Address: Kyiv region, Pereyaslavske, 08420, Ukraine  
**Date of receiving the samples for the researches:** May, 08, 2019  
**Period of the researches:** May, 08, 2018 - May, 20, 2019  
**Object of the researches:** is the samples testing for meeting the requirements of Commission Regulation (EU) No 10/2011 of 14 January 2011 on plastic materials and articles intended to come into contact with food and Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004 on materials and articles intended to come into contact with food and repealing Directives 80/590/EEC and 89/109/EEC

**RESULTS OF THE RESEARCHES:**

№	Titles of the researches items and figures	Factual value	Allowable level	Documents and researching methods	Uncertainty
<b>Physical and chemical parameters</b>					
1.	Dry residue after exposition, mg/dm <sup>2</sup>	3,6	≤ 60	EN 1186-1:2002	0,02**
<b>Toxic elements content</b>					
2.	Lead, mg/dm <sup>3</sup> (simulants)	< 0,01*	Not regulated	DSTU ISO 15586:2012, MVV 101-028-19	
3.	Cadmium, mg/dm <sup>3</sup> (simulants)	< 0,002*	Not regulated	DSTU ISO 15586:2012, MVV 101-028-19	
4.	Mercury, mg/dm <sup>3</sup> (simulants)	< 0,01*	Not regulated	DSTU ISO 15586:2012, MVV 101-028-19	

\* - Method Detection Limit (MDL)

\*\* - Measurement uncertainty calculated according to PSU 5.4/01-01

**NOTE:**

Parameter 1: ND on the method of testing outside the scope of accreditation

The test conditions- simulants: The exposure period distilled water - 10 days. The ratio of the sample area (cm<sup>2</sup>) to the volume of the simulants (cm<sup>3</sup>) - 1: 1. The ambient temperature, °C: 19,0-21,8; humidity, %: 76,0 – 79,0; atmospheric pressure, kPa: 98,2-99,0.

**Conclusion:** the sample meets the requirements of of Commission Regulation (EU) No 10/2011 and Regulation (EC) No 1935/2004 by indicated parameters.

**The researchers:**

I. M. Varanytsia

S.A. Dorotyuk