PRECIOSA, a.s. Analytical Laboratory Sklářská 92 463 12 Liberec 24	**Test report**	ilac-MRA L 1455
Testing Laboratory No. 1455 accredited by ČIA according to ČSN EN ISO/IEC 17025:2018		

Test report No.: **8613**

Sample No.: 20210054

Date of acceptance: March 11, 2021

Sample description: Glass Seed Beads – mixed sample

Required analysis: Tests performed in accordance with customer requirements

Date of the test execution: March 11 – March 19, 2021

Customer:

PRECIOSA - ORNELA
Ing. Miroslav Holenda
Desná v Jizerských horách

Results summary:

Required test	Parameter	Conclusion
EN 71-3	Migration test	pass

Conformity is based on a coverage probability of approximately 95% for expanded uncertainty.

The evaluation of conformity with the specification is governed by the following rules:

COMPLIANCE - The measured value, including the uncertainty, is less than the limit value.

NON COMPLIANCE - The measured value, including the uncertainty, is greater than or equal to the limit value.

The test results and compliance statements in this report relate only to the test samples as analysed and not to the samples from which the test sample was taken.

The protocol may not be reproduced otherwise than in whole without the written consent of the laboratory.

Uncertainty of measurement is an expanded uncertainty which defines the interval of resulting values based on approximately 95 % confidence level. Expanded uncertainty is given in percentage as a double estimation of a relative standard deviation of the measurement. Uncertainty does not consider the sampling uncertainty.

The tests were carried out in the laboratory at the address above.

Name of the authorized person: Position: Signature:

Ing. Martina Drahovzalová — Head of Laboratory
Liberec — March 23, 2021

ZKUŠEBNÍ LABORATOŘ AKREDITOVANÁ ČIA PRECIOSA a.s. -2- ZKUŠ-č.1455

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Table of results:

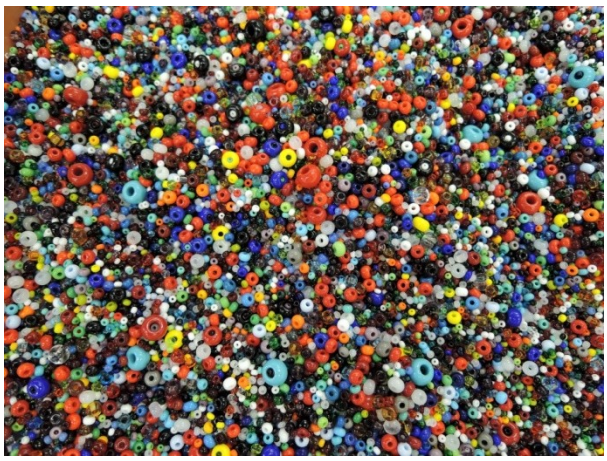
Required test: **Certain elements migration EN71-3:2019**
Test method: EN 71-3:2019 by ICP – OES; If Cr is detected in the sample, analysis of Cr (VI) content is performed spectrophotometrically using UV/VIS spectrometer.
Test method identification: SPP 016
Apparatus: ICP-OES

Sample No.:		20210054	Uncertainty	Limit	Conclusion
Item	Item				
Al	mg/kg	**< 100**		*70 000*	*pass*
As	mg/kg	**< 10**		*47*	*pass*
B	mg/kg	**< 100**		*15 000*	*pass*
Ba	mg/kg	**< 100**		*18 750*	*pass*
Cd	mg/kg	**< 10**		*17*	*pass*
Co	mg/kg	**< 10**		*130*	*pass*
Cr (III)	mg/kg	**< 10**		*460*	*pass*
Cr (VI)	mg/kg	**< 0,1**		*0,053*	*pass*
Cu	mg/kg	**< 100**		*7 700*	*pass*
Hg*	mg/kg	**< 10**		*94*	*pass*
Mn	mg/kg	**< 100**		*15 000*	*pass*
Ni	mg/kg	**< 100**		*930*	*pass*
Pb	mg/kg	**< 10**		*23*	*pass*
Sb	mg/kg	**< 100**		*560*	*pass*
Se	mg/kg	**< 100**		*460*	*pass*
Sn	mg/kg	**< 100**		*180 000*	*pass*
Sr	mg/kg	**< 100**		*56 000*	*pass*
Zn	mg/kg	**< 100**		*46 000*	*pass*

Note: *) unaccredited procedure

----------End of results part----------

Appendix 1: photodocumentation



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