

Test Report



Testing Laboratory No. 1455 accredited by ČIA
according to ČSN EN ISO/IEC 17025:2018

Test Report No.	9995	Page	1 of 2
Sample No.	25537-25540	Date of issue	September 19, 2025
Date of acceptance	September 12, 2025	Customer	Preciosa Ornela, a.s.
Sample Description	4x Samples of glass		Martina Fučíková
Date of the test execution	September 15, 2025		Desná
			Czech Republic

Table of samples:

Sample No.	Sample description
25537	BKZ
25538	SBW J 20
25539	Liba 2000
25540	Liba 2000+

Results summary:

Required test ^{A)}	Parameter	Conclusion
RoHS - Pb, Cd, Cr ^{VI} , Hg	Elements in mass	PASS

^{A)} the cited standard is in the current version

Description of the decision rule for conformity statements (Conclusion in this test report):

PASS – Measured value including measurement uncertainty is lower than the limit.

FAIL – Measured value including measurement uncertainty is higher than or equal to the limit.

Test Report Approved by:

Name of the authorized person

Position

Signature

Ing Martina Drahovzalová

Head of Laboratory

Results, in this test report, apply only to the samples as received.

This test report shall not be reproduced except in full without approval of the laboratory.

Measurement uncertainty is an expanded measurement uncertainty corresponding to 95% confidence level with an expansion coefficient k = 2.

The laboratory activities were performed in the laboratory facility at the address written above.

Information provided by a customer: Sample description.

F002AA/2025/01

Table of results:

Required test:

RoHS – Cd, Cr^{VI}, Pb, Hg

Test method identification:

SPP 026, (The testing was carried out according to ČSN EN 62321 – Determination of certain substances in electrotechnical products - Part 3-1: Screening - Lead, mercury, cadmium, total chromium, and total bromine by X-ray fluorescence spectrometry. If total Cr is detected in the sample, the analysis of Cr (VI) is carried out by the **spectrophotometric method** with a UV/Vis spectrometer – BAM – S004.

Determination method used / Apparatus: XRF

Item	Unit	Sample No.				Uncertainty	Limit	Conclusion
		25537	25538	25539	25540			
Cd	mg/kg	< 40	<40	<40	<40	-	100	PASS
Cr ^{VI}	mg/kg	< 100	<100	<100	<100	-	1000 ^{C)}	PASS ^{C)}
Hg ^{B)}	mg/kg	< 100	<100	<100	<100	-	1000	PASS
Pb	mg/kg	< 40	<40	<40	<40	-	1000	PASS

^{B)} Parameter outside the accreditation scope^{C)} The limit is set for Cr (VI), total Cr was determined in the sample, which complies with the limit

Note: Directive 2011/65/EU of the European Parliament and of the Council of June 8, 2011, as amended, restricts the use of certain hazardous substances in electrical and electronic equipment (EEE).

Determination of phthalates (polybrominated biphenyls, polybrominated diphenyl ethers, Bis phthalate (DEHP), Benzyl butyl phthalate (BBP), Dibutyl phthalate (DIBP)) were not part of the analytical tests. The boiling point of these phthalates is up to 400 °C, while glass melts at much higher temperatures.

Attachment No. 1: Photo Documentation



-----End of results section-----