

 Pack-Lab	PACK-LAB	FORMULAR E-308/02
	Platonos 52, 56224, Thessaloniki, Greece paraskevopoulos@packlab.gr , T: +30 2313 096497	
	TEST RESULTS REPORTING PROCEDURE	

TEST REPORT 26707

Company	Mpact Operations (Pty) Ltd
Company's address	The Vineyard Office Park, Corner Devon Valley Road and Tarentaal Road Stellenbosch, 7600, South Africa
Contact person	Ineke Tiggelman
Sampling made by	Customer
Sample structure	Paperboard
Sample description	Corrugated carton, 2192
Production date	26/06/2026
Batch number	072026
Sample condition upon receipt	Good
Sample internal code	26707
Date of receipt	14/07/2026
Period of analysis	16/07/2026 - 27/08/2026

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ANALYSIS REQUIRED

Type	Method	Simulant	Testing conditions	Side in contact with simulant
Heavy metals content Cd, Pb, Hg, Cr (Compliance with EC 40/2025)	PL_01	-	-	-
# Fluoride content (TF) (PFAS pre-check)	DIN EN ISO 10304-1: 2009-07	-	-	-

Analysis performed by external, ISO 17025 accredited laboratory

* Method out of scope of accreditation

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RESULTS

Heavy metals content

Units: mg/Kg of material

Analysis	Results	Limit set by (EC) 40/2025 legislation
Cadmium (Cd)²	< 2,0	-
Lead (Pb)³	< 23,1	-
Mercury (Hg)⁴	< 15,8	-
¹Total chromium (Cr)	4,4 ± 2,2	-
Total metals content	< 45,4	100

¹The content of hexavalent chromium Cr(VI) does not exceed the content of total chromium.

²Limit of quantification (LOQ) of the method: 2,0 mg/kg of material

³Limit of quantification (LOQ) of the method: 23,1 mg/kg of material

⁴Limit of quantification (LOQ) of the method: 15,8 mg/kg of material

Fluoride content

Units: mg/Kg of material

Analysis	Mean value	Limit set by PPWR (EC) 40/2025 legislation
Fluoride content (TF) (PFAS pre-check)¹	< 20	50

¹Limit of quantification (LOQ) of the method: 20 mg/kg of material

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Evaluation

Material analyzed above is in compliance with:

Analysis	Food products to come in contact with	Contact conditions	Notes
Heavy metals content limit set by legislation (EC) 40/2025 (Article 5, point 4)	-	-	-
Fluoride content limit set by legislation PPWR (EC) 40/2025 (Article 5, point 5c)	-	-	-

END OF TEST REPORT

Thessaloniki, 28/08/2026
Laboratory manager



Theodoros Paraskevopoulos
MSc Packaging Expert

For any conformity stated in the current test report, simple acceptance rule with $W=0$ of ILAC-G8:09/2019 is used (Further information can be found [here](#))

Unless otherwise specified, migration results expressed in mg/kg applying the conventional Surface/Volume ratio of 6 dm² per kg of food

Expanded uncertainty is calculated for coverage factor $k=2$ and 95 % confidence level

Results refer exclusively to the samples specified. Partial reproduction of the report must not be made without the written consent of "Pack-Lab L.P.".

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