

**Vescom bv
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P.O. Box 70
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Nederland**

Your notice of
07-02-2018

Your reference

Date
09-02-2018

Analysis Report 18.00797.01

Required tests :

EN 12149 - test A (1997)

**Determination of heavy metals in wallpaper according to
IGI**

Identification number	Information given by the client	Date of receipt
T1803030	HOPE	07-02-2018

Kristina De Temmerman

Order responsible

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The results of the analysis cover the received samples. Centexbel is not responsible for the representativeness of the samples.
In assessing compliance with the specifications, we did not take into account the uncertainty on the test results.

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Inrichting erkend bij toepassing van de besluitwet van 30-01-1947 • Établissement reconnu par application de l'arrêté-loi du 30-01-1947
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Reference: T1803030 - HOPE

Determination of heavy metals in wallpaper according to IGI

Date of ending the test 08-02-2018
 Standard used EN 12149 - test A (1997)
 Product standard EN 15102 (2007)

Deviation from the standard -
 Extraction method With a solution of 0.07 mol/L HCl
 Determination ICP iCAP 6500
 Analytical correction according to EN 233 (wallpaper cylindrical-specifications)

Results

Metals	Detection limit (DL) mg/kg	Concentration mg/kg	Corrected concentration (mg/kg)	Maximum migration * mg/kg
Sb (antimony)	0.6	1.08	< 0.60	20
As (arsenic)	0.5	< 0.50	< 0.50	3
Ba (barium)	0.1	0.32	0.23	500
Cd (cadmium)	0.1	< 0.10	< 0.10	3
Cr (chromium)	0.2	< 0.20	< 0.20	20
Pb (lead)	0.05	< 0.05	< 0.05	20
Hg (mercury)	0.1	< 0.10	< 0.10	20
Se (selenium)	1	< 1.00	< 1.00	10

* Limiting maximum migration according to I.G.I.