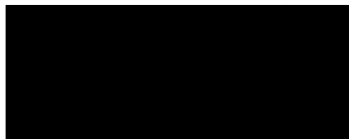


Report

26.3.2007


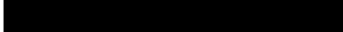
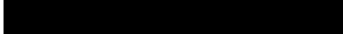
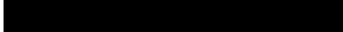
R525696



Order 12.2.2007

Request Formaldehyde and total content of arsenic As, antimony Sb, barium Ba, mercury Hg, cadmium Cd, chromium Cr, copper Cu, lead Pb, nickel Ni, selenium Se, zink Zn, molybdenum Mo and fluorine F .

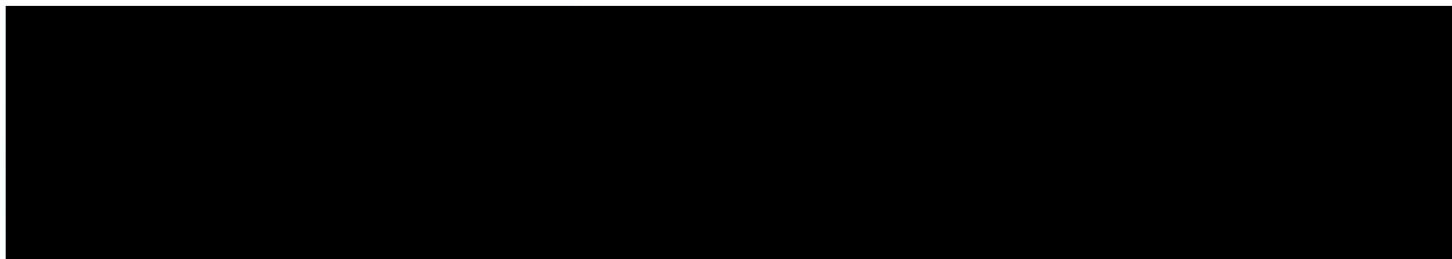
Sample Four paper samples

1. 
2. 
3. 
4. 

Arrival date 12.2.2007

Analysis date 16.2.-1.3.2007

Methods Cd, As, Cr, Se, Pb and Sb were measured by graphite furnace technique by atomic absorption spectrometry (GFAAS). Zn, Ni, Cr, Cu, Ba and Mo were measured by inductively coupled plasma technique by atomic emission spectrometry (ICP-AES) and Hg was measured by cold vapour technique (CVAAS). Fluorine was determined in accordance with method SCAN-CM 51 mod. and formaldehyde was determined in accordance with method EN 1541:2001 (cold water extract).



Results

Content in dry substance (105 °C).

		LumiArt 115 gsm mg/kg	LumiArt 150 gsm mg/kg	LumiSilk 115 gsm mg/kg	LumiSilk 150 gsm mg/kg
Antimony	Sb	< 1	< 1	< 1	< 1
Arsenic	As	< 0.5	< 0.5	< 0.5	< 0.5
Barium	Ba	7.1	7.3	7.5	7.0
Cadmium*	Cd	0.04	0.08	0.07	0.11
Chromium*	Cr	< 0.3	0.4	< 0.3	< 0.3
Copper	Cu	< 4	< 4	< 4	< 4
Lead*	Pb	0.4	0.4	0.4	0.4
Mercury*	Hg	< 0.04	< 0.04	< 0.04	< 0.04
Molybdenum	Mo	< 0.5	< 0.5	< 0.5	< 0.5
Nickel	Ni	< 4	< 4	< 4	< 4
Selenium	Se	< 0.5	< 0.5	< 0.5	< 0.5
Zink	Zn	< 4	< 4	< 4	< 4
Fluorine	F	22	22	23	30
Formaldehyde*	-	17	18	19	18

* Accredited method

The results show that contents of the elements are below the limits given in the European Parliament and Council Directive 94/62/EC (amendment 2004/12/EEC) standards EN 13432:2001 annex A.1, EN 71-3:1994/A1:2000 and EN 71-9:2005.

Measurements results apply only to samples tested.

