

Bellaterra : **3<sup>th</sup> April, 2006**

Expedient number : **06/32003965 M1** ENGLISH TRANSLATION FROM THE ORIGINAL IN SPANISH

Petitioner reference : **TORRASPAPEL S.A.**  
Crta de França, s/n  
17840 SARRIÀ DE TER  
GIRONA

Attention to Mr. Josep Soler

### **TEST REPORT**

#### **ITEMS SUBMITTED**

Samples received on: 28.02.06

A sample of paper presented by the petitioner with the following reference:

#### **ESTUCADO 1C BRILLO. MANUFACTURED BY TORRASPAPEL**

#### **TESTS PERFORMED**

Quantitative analysis of toluene, xylene, ethylbenzene and cyclohexanone content in the samples received by means of headspace method, having previously done water extraction of samples as it's indicated in norms:

EN71/9: 2005. Organic chemical compounds. Requirements

EN71/10: 2005. Organic chemical compounds. Sample preparation and extraction

EN71/11:2005. Organic chemical compounds. Methods of analysis

This report replaces and cancels report 06/32003965, emitted on 14<sup>th</sup> March, 2006  
**MODIFICATION DESCRIPTION:** The following annotation has been included in the reference of the sample received and tested: "Manufactured by Torrapapel"

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This document consists of 4 pages of which – are annexes , being this one, the first one

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### **TESTING PROCEDURES**

Samples have been submitted to a migration process with water at room temperature for 1 hour. The resulting aqueous migrate is placed in an oven at 95°C for 2 hours in order to analyze them by means of headspace method.

The results obtained related to the quantification of toluene, xylene, ethylbenzene and cyclohexanone, are compared with the values indicated in table 2 E, of norm EN71/9:2004

Other related norms:

EN71/9: 2005. Organic chemical compounds. Requirements

EN71/10: 2005. Organic chemical compounds. Sample preparation and extraction

EN71/11:2005. Organic chemical compounds. Methods of analysis

Samples have been analyzed with the following chromatographic conditions:

Injector temperature	290 °C
Initial temperature	60 °C
Initial time	5 min
Final temperature	240 °C
Temperature rate	8°C/min
Split	Closed (splitless)
EM	Scan

A capillar PBX column of 30 m length has been used

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## **RESULTS**

Date tests performed: Start: 28.02.06  
End: 03.03.06

Samples relation

M1 Estucado 1C Brillo. Manufactured by Torrassapapel

The following compounds have been detected:

	<b>Toluene (mg/l)</b>	<b>Xylene (mg/l)</b>	<b>Ethylbenzene (mg/l)</b>	<b>Ciclohexanone (mg/l)</b>
<b>M1</b>	Inf. 0.1	Inf. 0.1	Inf. 0.1	Inf. 0.1

Limits (*)	2.0	2.0	1.0	46.0
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(\*) Maximum permitted values indicated in Table 2.E of EN 71/9: 2005

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### **CONCLUSIONS**

Referring to the sample of paper presented by the petitioner with the following reference:

#### **ESTUCADO 1C BRILLO. MANUFACTURED BY TORRASPEL**

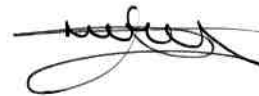
The results obtained **are lower** than the ones indicated in Table 2.E. of EN 71/9: 2005. Organic chemical compounds. Requirements

Due to this, the tested sample **is in conformity** with the requirements established in Table 2.E. of EN 71/9: 2005

LGAI Technological Center, S.A.

**Cristina Esteban i Perlas**  
Materials and Consume Responsible  
Consume Area – Certification Division  
LGAI Technological Center S.A

LGAI Technological Center, S.A.



**Núria Corrons i Perramon**  
Technician Responsible  
Consume Area – Certification Division  
LGAI Technological Center S.A

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The results reported in this document relate only to the sample, product or item submitted to the laboratory and described above, having been tested under the conditions established in this document. In case of discrepancies between the English and Spanish versions, the Spanish version shall prevail over the English one.

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