

SGS INSTITUT FRESENIUS GmbH Postfach 1261 · 65220 Taunusstein

Order No.: 2311615

Client : 10015323

Gabriele Götsch/no

Tel. +49 06128/ 744- 151, Fax - 534

gabriele.goetsch@sgs.com

Competence Center

Hardlines/ E&E Chemical Testing

SGS INSTITUT FRESENIUS GmbH

Im Maisel 14

65232 Taunusstein

Taunusstein, July 16, 2012

Your Reference : Tomasz Trad

Your Order Date : 2/JUL/2012

Sample No : 120465182 – 196

Test period : 3/JUL/2012 – 13/JUL/2012

**Test report No. 2311615-01**  
**Testing for lead and cadmium release**

Dear Sirs,

Referring to your request, we tested the samples that arrived at our Institute on July 3, 2012 according to the LFGB and Regulation (EC) No 1935/2004 for selected items lead and cadmium release. The samples were marked as followed:

Sample no.	Sample designation
120465182	Test 1: White products (K): Easy white, Play white, Play&Go white, Opty white, Handy white, Star white, Creativo white, Rainbow white, Jazz white, Mini Specta white, Geo white, Jasmine white, Peak white, London white, Quatro white, Milky white, Ocean white, Elite white, Trojka white, Glamour white, O'le white, Beauty white, Sonata white
120465183	Test 2: Yellow products (K): Creativo yellow, Mini Specta yellow/white, Round yellow, Slim Lady yellow/white
120465184	Test 3: Orange products (K): Handy orange/white, Easy white/orange, Creativo orange, Mini Specta orange/white, Slim Lady orange/white, Quadro orange/white, Sonata orange/white
120465185	Test 4: Red products (K): Easy white/red, Sonata red/white
120465186	Test 5: Green products (K): Slim Lady green/white, Round green
120465187	Test 6: Blue products (K): Easy white/blue, Creativo blue, Mini Specta blue, Slim lady blue, Round blue, Sonata blue
120465188	Test 7: Black products (K): Easy white/black, Mini Specta black, Slim Lady black, Round black

Sample no.	Sample designation
120465189	Test 8: White products (SF): Cool white, Handy Supreme Black/white, Tomek classic white, Tomek small white, Tomek big white, Tomek Royal, Ilona Royal, Action white, Justyna white, Beata white, Aida white, Arek white, Anna white, Heros white, Norton white, Ness white, Alicja white, Diana white, Roma white
120465190	Test 9: Cream products: Handy Supreme black/cazem, Justyna cream, Tomek classic cream, Anna cream, Norton cream, Alicja cream/white, Diana cream/white, Roma cream/white
120465191	Test 10: Yellow products (SF): Arek yellow, Handy Supreme black/yellow, Justyna yellow, Ilona yellow/white, Tomek classic yellow, Montana yellow, Norton yellow, Ness yellow, Alicja yellow/white, Diana yellow/white, Roma yellow/white
120465192	Test 11: Orange products (SF): Cool orange/white, Handy Supreme black/orange, Justyna orange, Ilona orange/white, Tomek Classic orange, Tomek Small orange/white, Anna orange, Norton orange, Alicja orange/white, Diana orange/white, Roma orange/white
120465193	Test 12: Red products (SF): Mini Specta red/white, Justyna red/white, Ilona red/white, Tomek classic red/white, Ness red/white, Norton red/white, Alica red/white, Diana red/white, Roma red/white
120465194	Test 13: Green products (SF): Handy Supreme Black/Green, Justyna light green, Justyna dark Green, Tomek classic lightgreen, Tomek classic darkgreen, Norton lightgreen, Diana lightgreen/white, Diana darkgreen/white
120465195	Test 14: Blue products (SF): Cool navyblue/white, Handy Supreme reflexblue/white, Justyna azure, Justyna reflexblue, Justyna navyblue, Ilona reflexblue/white, Tomek classic azure, Tomek classic reflexblue/white, Tomek classic navyblue/white, Tomek Small reflexblue/white, Anna azure, Norton azure, Norton navyblue, Ness navyblue, Cezar cobaltblue, Alicja reflexblue/white, Diana azure/white, Diana reflexblue/white, Diana navyblue/white, Diana kobaltblue/white, Roma azure/white, Roma reflexblue/white, Roma navyblue/white, Roma cobaltblue/white
120465196	Test 15: Black products (SF): Cool Black/white, Handy Supreme: Black/white, Black/cream, Black/yellow, Black/Orange, Black/Green, Black/reflexblue, Justyna Black, Ilona Black/white, Tomek classic Black, Tomek Small Black/white, Anna Black/white, Norton Black, Cezar Black, Alica Black/white, Diana Black/white, Roma Black/white

Detailed results are given in the enclosure.

**ENCLOSURE**


Order No. : 2311615  
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Sample No. : 120465182 - 196

16/JUL/2012

**Assessment:**

The products meet the requirements of the LFGB and Regulation (EC) No 1935/2004 in the tested item.

Yours sincerely,  
**SGS INSTITUT FRESENIUS GmbH**

  
i. V. Gabriele Götsch  
(Project Manager)

  
i. A. Christina Lohr  
(Project Manager)

**Enclosure:** Test results (5 pages)

Photo documentation:



sample 120465182



sample 120465183



sample 120465184



sample 120465185



sample 120465186



sample 120465187

## ENCLOSURE

Order No. : 2311615  
 Test Report No : 2311615-01  
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sample 120465188



sample 120465189



sample 120465190



sample 120465191



sample 120465192



sample 120465193

## ENCLOSURE

Order No. : 2311615  
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sample 120465194



sample 120465195



sample 120465196

## ENCLOSURE

Order No. : 2311615  
 Test Report No 2311615-01  
 Sample No. : 120465182 - 196

16/JUL/2012

## Test Results:

### Lead and cadmium release for fillable articles

The determination of the lead and cadmium release from glass ware was carried out according to EN 1388-1 with 4 % acetic acid as food simulant.

Sample 120465182 Test 1	Result [mg/l]	Requirement* [mg/l]
Lead	< 0.1	< 4.0
Cadmium	< 0.05	< 0.3

Sample 120465183 Test 2	Result [mg/l]	Requirement* [mg/l]
Lead	< 0.1	< 4.0
Cadmium	< 0.05	< 0.3

Sample 120465184 Test 3	Result [mg/l]	Requirement* [mg/l]
Lead	< 0.1	< 4.0
Cadmium	< 0.05	< 0.3

Sample 120465185 Test 4	Result [mg/l]	Requirement* [mg/l]
Lead	< 0.1	< 4.0
Cadmium	< 0.05	< 0.3

Sample 120465186 Test 5	Result [mg/l]	Requirement* [mg/l]
Lead	< 0.1	< 4.0
Cadmium	< 0.05	< 0.3

Sample 120465187 Test 6	Result [mg/l]	Requirement* [mg/l]
Lead	< 0.1	< 4.0
Cadmium	< 0.05	< 0.3

Sample 120465188 Test 7	Result [mg/l]	Requirement* [mg/l]
Lead	< 0.1	< 4.0
Cadmium	< 0.05	< 0.3

\* according to German Ordinance of Commodities (Bedarfsgegenständeverordnung)

**ENCLOSURE**

Order No. : 2311615  
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16/JUL/2012

Sample 120465189 Test 8	Result [mg/l]	Requirement* [mg/l]
Lead	< 0.1	< 4.0
Cadmium	< 0.05	< 0.3

Sample 120465190 Test 9	Result [mg/l]	Requirement* [mg/l]
Lead	< 0.1	< 4.0
Cadmium	< 0.05	< 0.3

Sample 120465191 Test 10	Result [mg/l]	Requirement* [mg/l]
Lead	< 0.1	< 4.0
Cadmium	< 0.05	< 0.3

Sample 120465192 Test 11	Result [mg/l]	Requirement* [mg/l]
Lead	< 0.1	< 4.0
Cadmium	< 0.05	< 0.3

Sample 120465193 Test 12	Result [mg/l]	Requirement* [mg/l]
Lead	< 0.1	< 4.0
Cadmium	< 0.05	< 0.3

Sample 120465194 Test 13	Result [mg/l]	Requirement* [mg/l]
Lead	< 0.1	< 4.0
Cadmium	< 0.05	< 0.3


Sample 120465195 Test 14	Result [mg/l]	Requirement* [mg/l]
Lead	< 0.1	< 4.0
Cadmium	< 0.05	< 0.3

Sample 120465196 Test 15	Result [mg/l]	Requirement* [mg/l]
Lead	< 0.1	< 4.0
Cadmium	< 0.05	< 0.3

\* according to German Ordinance of Commodities (Bedarfsgegenständeverordnung)

**SGS INSTITUT FRESENIUS GmbH**

  
 i. V. Gabriele Götsch  
 (Project Manager)

  
 i. A. Christina Löhr  
 (Project Manager)

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