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**Test Report 1321868**  
**Order No. 2142655**  
**Customer No. 10072617**

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Consumer Testing Services  
Food & Beverages  
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Hamburg, 16.01.2012

Your order/project: IKEA Specification IOS-PRG-0021  
Your purchase order date: 21.11.2011

This test report replaces our test report 1316467.

SGS Germany

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i.V. Dr. Roy Hörner (Lab Manager) / i.V. Ingrid Bujara /  
i.V. Lars Rückborn / i.A. Mandy Elias / i.A. Hans-Uwe Lammers /  
i.A. Sabine Schröder (Analytical Consultants CTS Food)

**General Information:**

Sample No.:	110839900
Sample:	Bio impregnot Prosa SF IKEA article no. 442809
Date of receipt:	27.12.2011
Testing period (begin / end):	27.12.2011 / 06.01.2012

**Test Results:**

Parameter	Method	Lab	Result
<b>Sensorical analysis:</b>			
Appearance	DIN 10964, mod.	HH	light yellow - yellow coloured, clear, brilliant, no impurities
Odour	DIN 10964, mod.	HH	almost neutral, slight woody smell and slight smell of solvents perceptible

Parameter	Method	Lab	Unit	Result	Limit of quantification	Requirements
<b>Constituents:</b>						
Peroxide value	DGF C-VI 6a, Wheeler <sup>(1)</sup>	HH	mvalO <sub>2</sub> /kg	< 0,1	0,1	< 20

(1) Result related to fat

<b>Minerals/metals:</b>						
Lead	DIN EN 15763 mod., SOP M 1474, ICP/MS	HH	mg/kg	< 0,02	0,02	< 1
Cadmium	DIN EN 15763 mod., SOP M 1474, ICP/MS	HH	mg/kg	< 0,010	0,010	< 1
Mercury	ASU L 00.00-19/4 mod., FIMS	HH	mg/kg	< 0,01	0,01	< 0,1
Arsenic	DIN EN 15763 mod., SOP M 1474, ICP/MS	HH	mg/kg	< 0,015	0,015	< 0,1

Sample 110839900	Bio impregnat Prosa SF; IKEA article no. 442809					
Parameter	Method	Lab	Unit	Result	Limit of quantification	Requirements

PAH						
Benzo(a)anthracene	SOP M 1361, GC/MS	HH	µg/kg	< 1	1	-
Benzo(c)fluorene	SOP M 1361, GC/MS	HH	µg/kg	< 1	1	-
Chrysene	SOP M 1361, GC/MS	HH	µg/kg	< 1	1	-
Cyclopenta(c,d)pyrene	SOP M 1361, GC/MS	HH	µg/kg	< 1	1	-
5-Methylchrysene	SOP M 1361, GC/MS	HH	µg/kg	< 1	1	-
Benzo(b)fluoranthene	SOP M 1361, GC/MS	HH	µg/kg	0,2	0,1	-
Benzo(k)fluoranthene	SOP M 1361, GC/MS	HH	µg/kg	0,1	0,1	-
Benzo(j)fluoranthene	SOP M 1361, GC/MS	HH	µg/kg	< 0,1	0,1	-
Benzo(a)pyrene	SOP M 1361, GC/MS	HH	µg/kg	0,2	0,1	< 2
Indeno(1,2,3-cd)pyrene	SOP M 1361, GC/MS	HH	µg/kg	0,2	0,1	-
Dibenzo(ah)anthracene	SOP M 1361, GC/MS	HH	µg/kg	< 0,1	0,1	-
Benzo(ghi)perylene	SOP M 1361, GC/MS	HH	µg/kg	0,3	0,1	-
Dibenzo(a,l)pyrene	SOP M 1361, GC/MS	HH	µg/kg	< 0,5	0,5	-
Dibenzo(a,e)pyrene	SOP M 1361, GC/MS	HH	µg/kg	< 0,5	0,5	-
Dibenzo(a,i)pyrene	SOP M 1361, GC/MS	HH	µg/kg	< 0,5	0,5	-
Dibenzo(a,h)pyrene	SOP M 1361, GC/MS	HH	µg/kg	< 0,5	0,5	-
Sum PAH 4 (Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene, Chrysene)	calculated	HH	µg/kg	< 1,0	1,0	< 10
Sum PAH total	calculated	HH	µg/kg	1,0	1,0	<25

Organic solvents:						
Benzene	SOP AAC/M/510, HS-GC/MS	TS	mg/kg	0,15	0,03	< 1
Toluene	SOP AAC/M/510, HS-GC/MS	TS	mg/kg	0,69	0,03	< 10
Ethylbenzene	SOP AAC/M/510, HS-GC/MS	TS	mg/kg	0,15	0,03	< 10
m,p-Xylene	SOP AAC/M/510, HS-GC/MS	TS	mg/kg	0,94	0,03	-
o-Xylene	SOP AAC/M/510, HS-GC/MS	TS	mg/kg	0,18	0,03	-
Sum m,p-Xylene and o-Xylene	calculated	TS	mg/kg	1,12	0,03	< 30
Chloroform	SOP AAC/M/510, HS/GC-MS	TS	mg/kg	< 0,01	0,01	< 1
Dichloromethane	SOP AAC/M/510, HS/GC-MS	TS	mg/kg	< 0,01	0,01	-
Trichloroethylene	SOP AAC/M/510, HS/GC-MS	TS	mg/kg	< 0,01	0,01	< 1
1,1,1-Trichloroethane	SOP AAC/M/510, HS/GC-MS	TS	mg/kg	< 0,01	0,01	< 1
Tetrachloroethylene	SOP AAC/M/510, HS/GC-MS	TS	mg/kg	< 0,01	0,01	< 1
Carbon tetrachloride	SOP AAC/M/510, HS/GC-MS	TS	mg/kg	< 0,01	0,01	< 1

**Assessment/Comment:**

This samples meets the requirements laid down in the IKEA-specification IOS-PRG-0021 (Version AA-31847-7, Date: 2011-10-14, Draft).