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# Test Report No. 440591

Dated 2013-09-24

**Applicant** : **AceCamp GmbH**  
Neugasse 18  
DE 63075 Offenbach/Main

**Attention** : **Sven Jungblut**

**Test Sample** : Received on 12.09.2013

**StoriX ID** : 134922

**Test Period** : From 13.09.2013 to 24.09.2013

**Sample Description** : Baby shoes Attipas, Model: AS01 - Sneakers Red, AS04 - Sneakers Orange, AS05 - Sneakers Blue

**Fibre Content** : /

**Style No / Name / Design No** : AS01 - Sneakers Red,  
AS04 - Sneakers Orange,  
AS05 - Sneakers Blue

**PO No / Order No** : /

**Product Type / End Use** : Baby shoes Attipas

**Care Label Provided** : /

**Name of the Buyer / Destination** : /

**Quality Requirements** : Gemäß telefonischer Absprache

**Title / Version** : /

*Note: the submitted samples are Not Drawn by the Laboratory*

## Purpose Of Examination / Conclusion:

Test(s)	Sample AS01, AS04, AS05
	Pass / Fail / Refer Results
pH Value	Pass
Banned aryl amines from azo dyes	Pass
Carcinogenic dispers dyes	Pass
Allergenic dispers dyes	Pass
Formaldehyde	Pass
Chlorinated phenols	Pass
Phthalate esters	Pass
Polycyclic aromatic hydrocarbons	Pass
Heavy metals	Pass
Bisphenol A	Pass
Small parts	Pass

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*G. Lissermann*

**(Dipl.-Ing. (FH) Grigorij Lissermann)**  
**Report Reviewer**






Authorised by

*Benedikt Hendan*

**(Dr. rer. nat. Benedikt Hendan)**  
**Authorised Signatory**

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**Sample Description**

Mat. No.	Colour / Material Name / Component Details	Photo of sample
A	AS01 - Sneakers Red: white with red print, main fabric, blend fibres	
B	AS04 - Sneakers Orange: white with orange print, main fabric, blend fibres	
C	AS05 - Sneakers Blue: white with blue print, main fabric, blend fibres	
D	AS01 - Sneakers Red, AS04 - Sneakers Orange, AS05 - Sneakers Blue: white sole plastic	
E	AS01 - Sneakers Red, AS04 - Sneakers Orange, AS05 - Sneakers Blue: white loop	



# Test Report No. 440591

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## Tests Results

1.	<b>pH VALUE:</b> Test Standard No. DIN EN ISO 3071	<b>Results (mg/kg)</b>		<b>Client specification</b>
		<u>Mat. no A</u>		
	pH Value	6.8		4.0 – 7.5

2.	<b>BANNED ARYL AMINES FROM AZO DYES:</b> Test Standard No. DIN EN 14362-1, identification by GC-MS and quantification by UHPLC-DAD-MS	<b>Results (mg/kg)</b>		<b>Client specification</b>
		<u>Mat. no A+B+C</u>		
	<b>Analyte</b>	<b>CAS NO</b>		
	4-Aminobiphenyl	92-67-1	< 2.5	< 20 mg/kg
	Benzidine	92-87-5	< 2.5	
	4-Chloro-o-toluidine	95-69-2	< 2.5	
	2-Naphthylamine	91-59-8	< 2.5	
	o-Aminoazotoluol	97-56-3	< 2.5	
	2-Amino-4-nitrotoluol	99-55-8	< 2.5	
	4-Chloroaniline	106-47-8	< 2.5	
	2,4-Diaminoanisole	615-05-4	< 2.5	
	4,4'-Diaminodiphenylmethane	101-77-9	< 2.5	
	3,3'-Dichlorobenzidine	91-94-1	< 2.5	
	3,3'-Dimethoxybenzidine	119-90-4	< 2.5	
	3,3'-Dimethylbenzidine	119-93-7	< 2.5	
	4,4'-Methylendi-o-toluidine	838-88-0	< 2.5	
	p-Cresidine	120-71-8	< 2.5	
	4,4'-Methylene-bis-(2-chloro-aniline)	101-14-4	< 2.5	
	4,4'-Oxydianiline	101-80-4	< 2.5	
	4,4'-Thiodianiline	139-65-1	< 2.5	
	o-Toluidine	95-53-4	< 2.5	
	2,4-Toluediamine	95-80-7	< 2.5	
	2,4,5-Trimethylaniline	137-17-7	< 2.5	
	2-Methoxyaniline	90-04-0	< 2.5	
	2,4-Xylidine	95-68-1	< 2.5	
	2,6-Xylidine	87-62-7	< 2.5	
	4-Aminoazobenzene	60-09-3	< 2.5	
	<b>Limit of quantification (LOQ): 2.5 mg/kg</b>			



**Test Report No. 440591**  
**Dated 2013-09-24**

<b>3. CARCINOGENIC DISPERS DYES:</b>				
Test Standard No. PPP_SOP_CPS_5.4_25039 based on DIN 54231, by UPLC-DAD-MS				
<b>Analyte</b>	<b>CAS NO</b>	<b>Results (mg/kg)</b>		<b>Client specification</b>
		<u>Mat. no.</u>		
		<u>A+B+C</u>		
C.I. Acid Red 26	3761-53-3	< 7.5		<b>&lt; 50 mg/kg</b>
C.I. Basic Red 9	569-61-9	< 7.5		
C.I. Basic Violet 14	632-99-5	< 7.5		
C.I. Direct Black 38	1937-37-7	< 7.5		
C.I. Disperse Blue 1	2475-45-8	< 7.5		
C.I. Direct Blue 6	2602-46-2	< 7.5		
C.I. Direct Red 28	573-58-0	< 7.5		
C.I. Disperse Orange 11	82-28-0	< 7.5		
C.I. Disperse Orange 149	85136-74-9	< 7.5		
C.I. Disperse Yellow 3	2832-40-8	< 7.5		
C.I. Disperse Yellow 23	6250-23-3	< 7.5		
<b>Limit of quantification (LOQ): 7.5 mg/kg</b>				



**Test Report No. 440591**  
**Dated 2013-09-24**

<b>4. ALLERGENOUS DISPERS DYES:</b>			
Test Standard No. PPP_SOP_CPS_5.4_25039 based on DIN 54231, by UPLC-DAD-MS			
Analyte	CAS NO	Results (mg/kg)	Client specification
		<u>Mat. no.</u> <u>A+B+C</u>	
C.I. Disperse Blue 1	2475-45-8	< 7.5	< 50 mg/kg
C.I. Disperse Blue 3	2475-46-9	< 7.5	
C.I. Disperse Blue 7	3179-90-6	< 7.5	
C.I. Disperse Blue 26	3860-63-7	< 7.5	
C.I. Disperse Blue 35	56524-77-7	< 7.5	
	56524-76-6	< 7.5	
C.I. Disperse Blue 102	12222-97-8	< 7.5	
C.I. Disperse Blue 106	12223-01-7	< 7.5	
C.I. Disperse Blue 124	61951-51-7	< 7.5	
C.I. Disperse Brown 1	23355-64-8	< 7.5	
C.I. Disperse Orange 1	2581-69-3	< 7.5	
C.I. Disperse Orange 3	730-40-5	< 7.5	
C.I. Disperse Orange 37 / 76 / 59	13301-61-6	< 7.5	
C.I. Disperse Red 1	2872-52-8	< 7.5	
C.I. Disperse Red 11	2872-48-2	< 7.5	
C.I. Disperse Red 17	3179-89-3	< 7.5	
C.I. Disperse Yellow 1	119-15-3	< 7.5	
C.I. Disperse Yellow 3	2832-40-8	< 7.5	
C.I. Disperse Yellow 9	6373-73-5	< 7.5	
C.I. Disperse Yellow 39	12236-29-2	< 7.5	
C.I. Disperse Yellow 49	54824-37-2	< 7.5	
<b>Limit of quantification (LOQ): 7.5 mg/kg</b>			

<b>5. FORMALDEHYDE:</b>			
Test Standard No. DIN EN ISO 14184-1 by Spectrophotometer			
Analyte	CAS NO	Results (mg/kg)	Client specification
		<u>Mat. no.</u> <u>A+B+C</u>	
Formaldehyde	50-00-0	< 8.0	< 25 mg/kg
<b>Limit of quantification (LOQ): 8.0 mg/kg</b>			



**Test Report No. 440591**  
**Dated 2013-09-24**

<b>6. CHLORINATED PHENOLS:</b>				
Test Standard No. PPP SOP CPS 5.4.25011 based on DIN EN ISO 17070, by GC-ECD				
<b>Analyte</b>	<b>CAS NO</b>	<b>Results (mg/kg)</b>		<b>Client specification</b>
		<u>Mat. no.</u>		
		<u>A+B+C</u>		
Pentachlorophenol (PCP)	87-86-5	< 0.25		<b>&lt; 0.25 mg/kg</b>
2,3,5,6-Tetrachlorophenol (TeCP)	935-95-5	< 0.25		
2,3,4,6-Tetrachlorophenol (TeCP)	58-90-2	< 0.25		
2,3,4,5-Tetrachlorophenol (TeCP)	4901-51-3	< 0.25		
2,4,5-Trichlorophenol (TriCP)	95-95-4	< 0.25		
2,4,6-Trichlorophenol (TriCP)	88-06-2	< 0.25		
2,3,4-Trichlorophenol (TriCP)	15950-66-0	< 0.25		
2,3,5-Trichlorophenol (TriCP)	933-78-8	< 0.25		
2,3,6-Trichlorophenol (TriCP)	933-75-5	< 0.25		
3,4,5-Trichlorophenol (TriCP)	609-19-8	< 0.25		
<b>Limit of quantification (LOQ): 0.25 mg/kg</b>				



**Test Report No. 440591**  
**Dated 2013-09-24**

<b>7. PHTHALATE ESTERS:</b>				
Test Standard No. DIN CEN ISO/TS 16181, ultrasonic extraction with Toluene and determination by GC-MS				
Analyte	CAS NO	Results (mg/kg)		Client specification
		Mat. no. D		
Benzylbutylphthalate (BBP)	85-68-7	< 100		< 1000 mg/kg
Diethylhexylphthalate (DEHP)	117-81-7	< 100		
Di-n-butylphthalate (DBP)	84-74-2	< 100		
Diisobutylphthalate (DIBP)	84-69-5	< 100		
Diisononylphthalate (DINP)	28553-12-0 or 68515-48-0	< 100		
Diisodecylphthalate (DIDP)	26761-40-0 or 68515-49-1	< 100		
Di(n-octyl)phthalate (DNOP)	117-84-0	< 100		
Di (2-methoxyethyl) phthalate (DMEP)	117-82-8	< 100		
Di-n-hexylphthalat (DHP)	84-75-3	< 100		
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	71888-89-6	< 100		
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)-	68515-42-4	< 100		
Diisopentylphthalat (DIPP)	605-50-5	< 100		
n-Pentyl-isopentyl phthalate (PIPP)	776297-69-9	< 100		
1,2-Benzenedicarboxylic acid, dipentylester branched and linear (DPP)	84777-06-0	< 100		
<b>Limit of quantification (LOQ): 100 mg/kg</b>				
<b>Remark:</b>				





**Test Report No. 440591**  
**Dated 2013-09-24**

<b>8. Polycyclic Aromatic Hydrocarbons (PAH)</b>				
Test Standard ZEK 01.4-08, ultrasonic extraction with Toluene and determination by GC-MS				
Analyte	CAS NO	Results (mg/kg)		Client specification
		Mat. no. D		
Naphthalene	91-20-3	< 0.2		Benzo[a]pyrene < 0.5 mg/kg, Sum of 18 PAH < 5.0 mg/kg
Acenaphthylene	208-96-8	< 0.2		
Acenaphthene	83-32-9	< 0.2		
Fluorene	86-73-7	< 0.2		
Phenanthrene	85-01-8	< 0.2		
Anthracene	120-12-7	< 0.2		
Fluoranthene	206-44-0	< 0.2		
Pyrene	76165-23-6	< 0.2		
Benzo[a]anthracene	56-55-3	< 0.2		
Chrysene	27274-05-1	< 0.2		
Benzo[b+j]fluoranthene (sum)	205-99-2 / 205-82-3	< 0.2		
Benzo[k]fluoranthene	207-08-9	< 0.2		
Benzo[e]pyrene	192-97-2	< 0.2		
Benzo[a]pyrene	50-32-8	< 0.2		
Indeno[1.2.3-cd]pyrene	193-39-5	< 0.2		
Dibenzo[a.h]anthracene	53-70-3	< 0.2		
Benzo[g.h.i]perylene	191-24-2	< 0.2		
<b>Sum of quantified PAH</b>		< 0.2		
<b>Limit of quantification (LOQ): 0.2 mg/kg</b>				

<b>9. HEAVY METALS:</b>				
Test Standard No PPP SOP CPS 5.425052, by ICP-OES				
Analyte		Results (mg/kg)		Client specification
		Mat. no. D		
Lead		< 0.1		< 90 mg/kg
Cadmium		0.11		< 50 mg/kg
<b>Limit of quantification (LOQ): 0.1 mg/kg</b>				



**Test Report No. 440591**  
**Dated 2013-09-24**

<b>10. BISPHENOL A:</b> Test Standard No. SAA-L-1504B by migration and HPLC				
<b>Analyte</b>	<b>CAS NO</b>	<b>Results (mg/kg)</b>		<b>Client specification</b>
		<u>Mat. no. D</u>		
Bisphenol A	80-05-7	< 1		<1 mg/kg
<b>Limit of quantification (LOQ): 1.0 mg/kg</b>				

<b>11. SMALL PARTS:</b> Test Standard No. DIN EN 71-1				
<b>Test</b>		<b>Results (mg/kg)</b>		<b>Client specification</b>
		<u>Mat. no. E</u>		
Small parts		No small parts		No small parts

-- END OF THE TEST REPORT --