

TEST REPORT

APPLICANT : Xindao B.V.
ADDRESS : P.O. Box 3082, 2280 GB, Rijswijk, The Netherlands
SAMPLE DESCRIPTION : Denim apron
ITEM NO. : P262.92
COUNTRY OF ORIGIN : China
COUNTRY OF DESTINATION : Europe
SAMPLE RECEIVED DATE : 06-Sep-2016
FURTHER INFORMATION DATE : 18-Sep-2016
TURN AROUND TIME : 18-Sep-2016 to 18-Sep-2016, 1 Working Day

The following test item(s) was/were performed on submitted sample(s) and/or component(s) confirmed by applicant.

| TEST REQUESTED | TEST METHOD/REGULATION | RESULT |
|----------------------|----------------------------------|--------|
| Banned AZO Dyes | EN 14362-1:2012, EN 14362-3:2012 | Pass |
| Formaldehyde Content | ISO 14184-1:2011 | Pass |

Eurofins (Shanghai) contact information

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***** FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) *****

Signed for and on behalf of
Eurofins Product Testing Service (Shanghai) Co., Ltd



Terric Ji
Lab Manager

Results obtained refer only to samples, products or material received in Laboratory, as described in point related to sample description, and tested in conditions shown in present report. Eurofins Product Testing Service (Shanghai) Co., Ltd ensures that this job has been performed according to our Quality System and complying contract and legal conditions. If you happen to have any comments, please do it by sending email to sh.info@eurofins.com and referring to this report number. Reproduction of this document is only valid if it is done completely and under the written permission of Eurofins Product Testing Service (Shanghai) Co., Ltd. If you happen to have any complaints, please do it by sending email to chinacomplaint@eurofins.com and referring to this report number.

SAMPLE PHOTO**EFSH16090334-CG-01**

TO BE CONTINUED

COMPONENT LIST

| Component No. | Component |
|---------------|------------|
| 1 | Navy denim |
| 2 | Black tape |

TO BE CONTINUED

TEST RESULT

Banned AZO Dyes

Test Request: Banned AZO dyes as specified in entry 43 of annex XVII of REACH Regulation (EC) No 1907/2006.

Test Method: EN 14362-1:2012, EN 14362-3:2012
5-60 mg/kg quantitative, >60 mg/kg semi quantitative

| Tested Item(s) | CAS No. | Unit | Limit | MDL | Result |
|---|----------|-------|-------|-----|--------|
| | | | | | 1 |
| 4-Aminobiphenyl | 92-67-1 | mg/kg | 30 | 5 | ND |
| 4,4'-Benzidine | 92-87-5 | mg/kg | 30 | 5 | ND |
| 4-Chloro-2-methylaniline | 95-69-2 | mg/kg | 30 | 5 | ND |
| 2-Naphthylamine | 91-59-8 | mg/kg | 30 | 5 | ND |
| o-Aminoazotoluene (Note 1) | 97-56-3 | mg/kg | 30 | 5 | ND |
| 5-Nitro-o-toluidine (Note 2) | 99-55-8 | mg/kg | 30 | 5 | ND |
| 4-Chloroaniline | 106-47-8 | mg/kg | 30 | 5 | ND |
| 4-Methoxy-1,3-phenylenediamine | 615-05-4 | mg/kg | 30 | 5 | ND |
| Bis-(4-aminophenyl)methane | 101-77-9 | mg/kg | 30 | 5 | ND |
| 3,3'-Dichlorobenzidine | 91-94-1 | mg/kg | 30 | 5 | ND |
| 3,3'-Dimethoxybenzidine | 119-90-4 | mg/kg | 30 | 5 | ND |
| 3,3'-Dimethylbenzidine | 119-93-7 | mg/kg | 30 | 5 | ND |
| 3,3'-Dimethyl-4,4'-diaminodiphenylmethane | 838-88-0 | mg/kg | 30 | 5 | ND |
| 2-Methoxy-5-methylaniline | 120-71-8 | mg/kg | 30 | 5 | ND |
| 4,4'-Methylene bis(o-chloroaniline) | 101-14-4 | mg/kg | 30 | 5 | ND |
| 4,4'-Oxydianiline | 101-80-4 | mg/kg | 30 | 5 | ND |
| 4,4'-Thiodianiline | 139-65-1 | mg/kg | 30 | 5 | ND |
| o-Tolidine | 95-53-4 | mg/kg | 30 | 5 | ND |
| 2,4-Diaminotoluene | 95-80-7 | mg/kg | 30 | 5 | ND |
| 2,4,5-Trimethylaniline | 137-17-7 | mg/kg | 30 | 5 | ND |
| o-Anisidine | 90-04-0 | mg/kg | 30 | 5 | ND |
| 4-Amino-azobenzene (Note 3) | 60-09-3 | mg/kg | 30 | 5 | ND |

Remark:

MDL = method detection limit
ND = Not detected, less than MDL

Note 1: o-Aminoazotoluene(CAS No.:97-56-3) is reduced to o-Toluidine(CAS No.:95-53-4) and quantified by this.

Note 2: 5-Nitro-o-toluidine(CAS No.:99-55-8) is reduced to 4-Methyl-m-phenylene Diamine (CAS No.:95-80-7) and quantified by this.

Note 3: 4-Amino-azobenzene(CAS No.:60-09-3) is reduced to aniline and 1,4-phenylenediamine. Need further confirmation when aniline and 1,4-phenylenediamine are detected.

TO BE CONTINUED

TEST RESULT

Banned AZO Dyes

Test Request: Banned AZO dyes as specified in entry 43 of annex XVII of REACH Regulation (EC) No 1907/2006.

Test Method: EN 14362-1:2012
5-60 mg/kg quantitative, >60 mg/kg semi quantitative

| Tested Item(s) | CAS No. | Unit | Limit | MDL | Result |
|---|----------|-------|-------|-----|--------|
| | | | | | 2 |
| 4-Aminobiphenyl | 92-67-1 | mg/kg | 30 | 5 | ND |
| 4,4'-Benzidine | 92-87-5 | mg/kg | 30 | 5 | ND |
| 4-Chloro-2-methylaniline | 95-69-2 | mg/kg | 30 | 5 | ND |
| 2-Naphthylamine | 91-59-8 | mg/kg | 30 | 5 | ND |
| o-Aminoazotoluene (Note 1) | 97-56-3 | mg/kg | 30 | 5 | ND |
| 5-Nitro-o-toluidine (Note 2) | 99-55-8 | mg/kg | 30 | 5 | ND |
| 4-Chloroaniline | 106-47-8 | mg/kg | 30 | 5 | ND |
| 4-Methoxy-1,3-phenylenediamine | 615-05-4 | mg/kg | 30 | 5 | ND |
| Bis-(4-aminophenyl)methane | 101-77-9 | mg/kg | 30 | 5 | ND |
| 3,3'-Dichlorobenzidine | 91-94-1 | mg/kg | 30 | 5 | ND |
| 3,3'-Dimethoxybenzidine | 119-90-4 | mg/kg | 30 | 5 | ND |
| 3,3'-Dimethylbenzidine | 119-93-7 | mg/kg | 30 | 5 | ND |
| 3,3'-Dimethyl-4,4'-diaminodiphenylmethane | 838-88-0 | mg/kg | 30 | 5 | ND |
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| o-Tolidine | 95-53-4 | mg/kg | 30 | 5 | ND |
| 2,4-Diaminotoluene | 95-80-7 | mg/kg | 30 | 5 | ND |
| 2,4,5-Trimethylaniline | 137-17-7 | mg/kg | 30 | 5 | ND |
| o-Anisidine | 90-04-0 | mg/kg | 30 | 5 | ND |
| 4-Amino-azobenzene (Note 3) | 60-09-3 | mg/kg | 30 | 5 | ND |

Remark:

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Note 1: o-Aminoazotoluene(CAS No.:97-56-3) is reduced to o-Toluidine(CAS No.:95-53-4) and quantified by this.

Note 2: 5-Nitro-o-toluidine(CAS No.:99-55-8) is reduced to 4-Methyl-m-phenylene Diamine (CAS No.:95-80-7) and quantified by this.

Note 3: 4-Amino-azobenzene(CAS No.:60-09-3) is reduced to aniline and 1,4-phenylenediamine. Need further confirmation when aniline and 1,4-phenylenediamine are detected.

TO BE CONTINUED

TEST RESULT

Formaldehyde Content

Test Method: ISO 14184-1:2011, free and hydrolized formaldehyde (water extraction method).

Limit: With reference to OEKO-TEX® standard 100-2016, Product Class II.

| Tested Item(s) | CAS No. | Unit | Limit | MDL | Result | |
|----------------|---------|-------|-------|-----|--------|----|
| | | | | | 1 | 2 |
| Formaldehyde | 50-00-0 | mg/kg | 75 | 10 | ND | ND |

Remark:

mg/kg = milligram per kilogram

MDL = method detection limit

ND = Not detected, less than MDL

*** END OF THE REPORT ***