



TEST REPORT NO : A50871863

Aug 3, 2018

UL ORDER NO : 12437813

Page : 1 of 4

Applicant : ZENITH UNIFORM CO.
Address : FLAT A, G/F KIN ON BUILDING,
77 ON LOK ROAD, YUEN LONG, N.T.

Test Date : Jul 27, 2018 - Aug 3, 2018
Received Date: Jul 27, 2018

Contact Person : KENNY CHAN

Sample Description: School Name: PUI SHING CATHOLIC SECONDARY SCHOOL

Buyer: / **Order No.:** -
Article No.: - **Sample Description:** -
Export To: - **Style No.:** -

Care Instructions:

-

For and on behalf of
UL VS Hong Kong Limited

Simon Tse - Technical Manager
Softlines
CAT/

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Test Item	Conclusion
Azo Dye Test	PASS
Remark: 1. The results relate only to the samples tested. 2. "NC"=No Comment, "NA"=Not Applicable, "*" See the attached test results details.	

Sample Information :

Sample	Product	Applicant's equivalent code / Color
001	Woven short sleeve dress with white zipper at back panel, blue embroidery at front left chest, white woven lining	-/ Blue

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(01) Detection of the Use of Banned Azo Colourants

Banned azo colourants per GB18401-2010 are such colourants that may form one of the following amines by splitting up one or more azo groups.

Test method according to the official test procedures GB/T 17592-2011 for textile, GB/T 19942-2005 for leather materials. The presence of 4-aminoazobenzene is determined by GB/T 23344-2009. (Detection limit : 5 mg/kg)

BENZIDINE (CAS No. 92-87-5)	3,3'-DIMETHYL-4,4'-DIAMINODIPHENYLMETHANE (CAS No. 838-88-0)
4-AMINODIPHENYL (CAS No. 92-67-1)	P-CRESIDINE (CAS No. 120-71-8)
4-CHLORO-O-TOLUIDINE (CAS No. 95-69-2)	4,4'-METHYLENE-BIS-(2-CHLOROANILINE) (CAS No. 101-14-4)
2-NAPHTHYLAMINE (CAS No. 91-59-8)	4,4'-OXYDIANILINE (CAS No. 101-80-4)
O-AMINOAZOTOLUENE (CAS No. 97-56-3)	4,4'-THIODIANILINE (CAS No. 139-65-1)
2-AMINO-4-NITROTOLUENE (CAS No. 99-55-8)	O-TOLUIDINE (CAS No. 95-53-4)
P-CHLOROANILINE (CAS No. 106-47-8)	2,4,5-TRIMETHYLANILINE (CAS No. 137-17-7)
2,4'-DIAMINOANISOLE (CAS No. 615-05-4)	2,4-TOLUYLENEDIAMINE (CAS No. 95-80-7)
4,4'-DIAMINODIPHENYLMETHANE (CAS No. 101-77-9)	O-ANISIDINE (CAS No. 90-04-0)
3,3'-DICHLOOROBENZIDINE (CAS No. 91-94-1)	2,4-XYLIDINE (CAS No. 95-68-1)
3,3'-DIMETHOXYBENZIDINE (CAS No. 119-90-4)	2,6-XYLIDINE (CAS No. 87-62-7)
3,3'-DIMETHYLBENZIDINE (CAS No. 119-93-7)	4-AMINOAZOBENZENE (CAS No. 60-09-3)

Sample	Test Method	Result (Amine Detected)	Comments
001	Blue - Lt. blue/ white body shell fabric GB/T 17592-2011 (Combined Method)	Not Detected	PASS
001	Blue - Lt. blue emb. thread with lt. blue/ white fabric GB/T 17592-2011 (Combined Method)	Not Detected	PASS

Note: Limit = 20 mg/kg (Not Applicable for combine test)

Interpretation of test results:

- In the case of levels per amine component \leq 20 mg/kg: not detected. According to the analysis as carried out, azo colourants banned under the Ordinance on Commodities were not detected in the articles submitted.
- In the case of levels per amine component $>$ 20 mg/kg. The analysis result suggests that the article submitted has been manufactured or treated by using azo colourants banned under the Ordinance on Commodities.
- In case of a result between 15 and 25 mg/kg. We remark that due to the error range of the method, these measurement values represent a border line case.

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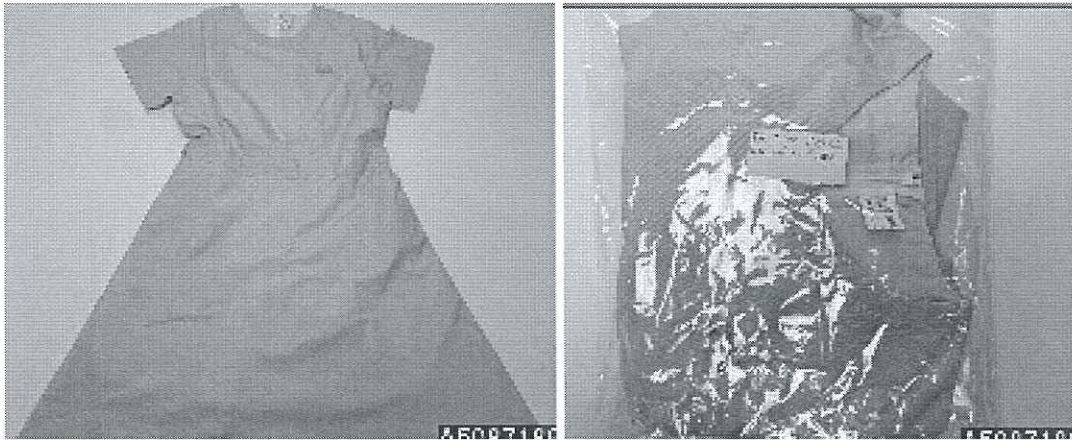


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Sample 001

***** End of Report *****

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