

# TEST REPORT

**Technical Report:** (5221)260-0190

Sep 30, 2021

Date Received: Sep 17, 2021

Page 1 of 5

**TO :** GIFI ASIA LTD  
7/F, ONE HARBOURFEONT  
NO 18 TAK FUNG STREET  
HUNG HOM, KOWLOON  
HONG KONG

**ATTN :** /

**Sample Description:** TABLIER ENFANT COT 200GM 45X53  
**Gifi Group Partner:** Gifi  
**PO Number:** CHEF0257FR  
**Supplier:** TIANJIN EVERFLY HOMEDECO  
**Production Stage:** /  
**GIFI Ref:** 580142  
**Supplier Ref. No.** KIDS APRON  
**Date of Testing:** Sep 21, 2020  
**Number of Working Days:** 7  
**Priority:** REGULAR

## SUMMARY OF TEST RESULTS

TEST REQUESTED	CONCLUSION	REMARK
AZO COLOURANTS CONTENT IN TEXTILES - EC NO. 1907/2006 ANNEX XVII ITEM NO. 43	PASS	
FLAMMABILITY OF APPAREL TEXTILES	PASS	

No Packaging

BUREAU VERITAS HONG KONG LTD.



WYLIE IP  
MANAGER - SOFTLINES

## **TEST RESULT**

### **Azo Dyes Content (Analysis of Amines in Dyestuff)**

**Test Method I** : EN 14362-1:2017

**Test Method II** : ISO 17234-1: 2010

**Test Method III** : §64 LFGB B 82.02-9:2006  
EN 14362-3:2012

Quantification analysis by GC-MS and confirmation by LC-DAD.

**Tested Item(s)** : I001 Purple fabric  
I002 Yellow fabric

<b>Client's Limit:</b>	<b>&lt;30mg/kg</b>				
<b>Tested Item(s)</b>	<b>Test Method</b>	<b>Result</b>			<b>Conclusion</b>
		<b>Detected Analyte(s)</b>	<b>Conc.</b>	<b>Unit</b>	
I001 + I002	I	ND	ND	mg/kg	PASS

Note:

ND = Not detected  
mg/kg = milligram per kilogram  
Detection Limit (mg/kg): Each 5

">" = More than

Conc. = Concentration

### **Remark:**

1. \*Azo colorants that are able to form p-aminoazobenzene, generate aniline and 1,4-phenylenediamine under the condition of this method. Aniline and 1,4-phenylenediamine are not detected under the condition of this method.
4. The list of amines in azo dyestuff is summarized in table of Appendix.



**APPENDIX**

<b>List of Amines in Azo Dyestuff:</b>					
<b>No.</b>	<b>Name of Analytes</b>	<b>CAS-No.</b>	<b>No.</b>	<b>Name of Analytes</b>	<b>CAS-No.</b>
1	4-Aminodiphenyl	92-67-1	13	p-Chloroaniline	106-47-8
2	Benzidine	92-87-5	14	p-Cresidine	120-71-8
3	4-Chloro-o-Toluidine	95-69-2	15	4,4'-Methylene-bis-(2-chloraniline)	101-14-4
4	2-Naphthylamine	91-59-8	16	4,4'-Oxydianiline	101-80-4
5	o-Aminoazotoluene	97-56-3	17	4,4'-Thiodianiline	139-65-1
6	2-Amino-4-nitrotoluene	99-55-8	18	2,4-Toluenediamine	95-80-7
7	2,4-Diaminoanisole	615-05-4	19	o-Toluidine	95-53-4
8	**4,4'-Diaminodiphenylmethane	101-77-9	20	2,4,5-Trimethylaniline	137-17-7
9	3,3'-Dichlorobenzidine	91-94-1	21	o-Anisidine	90-04-0
10	3,3'-Dimethoxybenzidine (o-Dianisidine)	119-90-4	22	*p-Aminoazobenzene (4-Amino-azobenzene)	60-09-3
11	3,3'-Dimethylbenzidine (o-Tolidine)	119-93-7	23	2,4-Xylidine	95-68-1
12	3,3'-Dimethyl-4,4'-diaminodiphenylmethane	838-88-0	24	2,6-Xylidine	87-62-7



Technical Report: (5221)260-0190

Sep 30, 2021

Page 4 of 5

**FLAMMABILITY OF APPAREL TEXTILES** (ASTM D1230)

**SAMPLE DESCRIPTION:**

TABLIER ENFANT COT 200GM 45X53

**FIBER CONTENT:**

/

**FABRIC SURFACE:**

PLAIN

**DIRECTION TO BE TESTED (ORIGINAL):**  
(FROM PRELIMINARY TEST)

FACE, LENGTHWISE

**DIRECTION TO BE TESTED (AFTER DRYCLEANING  
AND/ LAUNDERING):**  
(FROM PRELIMINARY TEST)

FACE, LENGTHWISE

**ORIGINAL**

**AFTER DRYCLEANING AND LAUNDERING**

TIME OF FLAME  
SPREAD (S)

BURN CODE

TIME OF FLAME  
SPREAD (S)

BURN CODE

1	DNI	1
2	DNI	2
3	DNI	3
4	DNI	4
5	DNI	5

P1	DNI	P1
P2	DNI	P2
P3	DNI	P3
P4	DNI	P4
P5	DNI	P5

AVG.	SECONDS FOR#	SPECIMENS
------	-----------------	-----------

AVG.	SECONDS FOR#	SPECIMENS
------	-----------------	-----------

**CLASSIFICATION  
CONCLUSION**

**CLASS 1  
PASS**

**REMARKS:**

**CLASS 1:**

1. TEXTILES THAT DO NOT HAVE A RAISED FIBER SURFACE BUT HAVE AN AVERAGE TIME OF FLAME SPREAD IN THE TEST OF 3.5 S OR MORE.

**BURNING CODE:**

DNI DID NOT IGNITE



BUREAU  
VERITAS

Technical Report: **(5221)260-0190**

Sep 30, 2021

Page 5 of 5

**Photo of the Submitted Sample**

