

TEST REPORT

APPLICANT : Shirts Only
BUYER :

KATRI NO : STAA16-00045967
RECEIVED DATE : OCT. 11, 2016
ISSUED DATE : OCT. 17, 2016
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APPLICANT'S PROVIDED SAMPLE DESCRIPTION :

FOUR(4) SAMPLES OF WOVEN FABRIC IN #1)BLACK, #2)NAVY, #3)SKYBLUE, #4)WHITE

STYLE NO. : SI 2016-01 / SHIRTS

TEST ITEM	TEST RESULT			
	#1	#2	#3	#4
pH : Qualify Safety Indication Subject Standards Part 1 5.1 (KS K ISO 3071 : 2009)	9.2	9.4	9.0	7.8

<Note> 1. Type of solution : Deionized water
2. Instrument : pH meter
3. Requirement : Children's Textile products, Underwears, General wears(4.0 ~ 7.5),
Outerwears & Beddings(4.0 ~ 9.0)

Formaldehyde Content (mg/kg) : Qualify Safety Indication Subject Standards Part 1 5.2
(KS K ISO 14184-1 : 2009)

N.D. N.D. N.D. N.D.

<Note> 1. N.D. : Not Detected(Less than 20 mg/kg)
2. Instrument : UV/VIS Spectrophotometer
3. Requirement : Underwears, General wears(\leq 75 mg/kg),
Outerwears & Beddings(\leq 300 mg/kg)

- Continues -	#1	#2	#3	#4
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Director General



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Test Items	Test Results
	#3
Arylamines (mg/kg) : Qualify Safety Indication Subject Standards Part 1 5.3 (KS K 0147 : 2015)	
Biphenyl-4-ylamine (92-67-1)	< 5
Benzidine (92-87-5)	< 5
4-Chloro-o-toluidine (95-69-2)	< 5
2-Naphthylamine (91-59-8)	< 5
o-Aminoazotoluene (97-56-3)	< 5
2-Amino-4-nitrotoluene (99-55-8)	< 5
4-Chloroaniline (106-47-8)	< 5
2,4-Diaminoanisole (615-05-4)	< 5
4,4'-Diamino-diphenylmethane (101-77-9)	< 5
3,3'-Dichlorobenzidine (91-94-1)	< 5
3,3'-Dimethoxybenzidine (119-90-4)	< 5
3,3'-Dimethylbenzidine (119-93-7)	< 5
4,4'-methylenedi-o-toluidine (838-88-0)	< 5
p-Cresidine (120-71-8)	< 5
4,4'-Methylene-Bis-(2-Chloroaniline) (101-14-4)	< 5
4,4'-Oxydianiline (101-80-4)	< 5
4,4'-Thiodianiline (139-65-1)	< 5
o-Toluidine (95-53-4)	< 5
2,4-Toluylenediamine (95-80-7)	< 5
2,4,5-Trimethylaniline (137-17-7)	< 5
o-Anisidine (90-04-0)	< 5
4-Aminoazobenzene (60-09-3)	< 5
2,4-Xylidine (95-68-1)	< 5
2,6-Xylidine (87-62-7)	< 5
<Note> 1. Detection Limit : 5 mg/kg 2. Instrument : GC-MS 3. Requirement : ≤ 30 mg/kg <Note> Arylamines : #3 = #1 + #2 + #3	

- Continues -

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Test Items	Test Results
	#3
Arylamines (mg/kg) : Qualify Safety Indication Subject Standards Part 1 5.3 (KS K 0739 : 2014)	
4-Aminoazobenzene (60-09-3)	< 5
<Note> 1. Detection Limit : 5 mg/kg 2. Instrument : GC-MS 3. Requirement : ≤ 30 mg/kg <Note> Arylamines : #3 = #1 + #2 + #3	