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TEST REPORT

APPLICANT : FILT
 BUYER :

KATRI NO : STAA21-00008559
 RECEIVED DATE : FEB. 02, 2021
 ISSUED DATE : FEB. 04, 2021
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APPLICANT'S PROVIDED SAMPLE DESCRIPTION :
 FIVE(5) SAMPLES OF GARMENT

STYLE NO. : 1,2,3,4,5 (PINK, BEIGE, MINT, PURPLE, KHAKI) / ETIQA AIRWAY
 ROUND BASIC MASK A

TEST ITEM	TEST RESULT				
	#1	#2	#3	#4	#5
pH : Safety Standard Part 1 5.1 (KS K ISO 3071 : 2005)	6.5	6.3	6.3	6.5	6.7
<Note> 1. Type of solution : 0.1 mol/L KCl solution 2. Instrument : pH meter 3. Requirement : Underwears, General wears(4.0 ~ 7.5), Outerwears & Beddings(4.0 ~ 9.0)					
Formaldehyde Content (mg/kg) : Safety Standard Part 1 5.2 (KS K ISO 14184-1 : 1998)	N.D.	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(≤ 75 mg/kg), Outerwears & Beddings(≤ 300 mg/kg)					

[Images were attached.]



Lim, Hun Jin
 Director General

Tested by Name : Kim Jun Hyuk



Technical Manager : Lee Gyeong Min

01/2021



Location of Test : Deokcheon48-ro 19, Anyang-dong, Manan-gu, Anyang-si, Gyeonggi-do, Korea

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Test Items	Test Results	
	#1	#2
Arylamines (mg/kg) : Safety Standard Part 1 5.3 (KS K 0147 : 2015)		
biphenyl-4-ylamine (92-67-1)	< 5	< 5
benzidine (92-87-5)	< 5	< 5
4-chloro-o-toluidine (95-69-2)	< 5	< 5
2-naphthylamine (91-59-8)	< 5	< 5
o-aminoazotoluene (97-56-3)	< 5	< 5
2-amino-4-nitrotoluene (99-55-8)	< 5	< 5
4-chloroaniline (106-47-8)	< 5	< 5
2,4-diaminoanisole (615-05-4)	< 5	< 5
4,4'-diamino-diphenylmethane (101-77-9)	< 5	< 5
3,3'-dichlorobenzidine (91-94-1)	< 5	< 5
3,3'-dimethoxybenzidine (119-90-4)	< 5	< 5
3,3'-dimethylbenzidine (119-93-7)	< 5	< 5
4,4'-methylenedi-o-toluidine (838-88-0)	< 5	< 5
p-cresidine (120-71-8)	< 5	< 5
4,4'-methylene-bis-(2-chloroaniline) (101-14-4)	< 5	< 5
4,4'-oxydianiline (101-80-4)	< 5	< 5
4,4'-thiodianiline (139-65-1)	< 5	< 5
o-toluidine (95-53-4)	< 5	< 5
2,4-toluylenediamine (95-80-7)	< 5	< 5
2,4,5-trimethylaniline (137-17-7)	< 5	< 5
o-anisidine (90-04-0)	< 5	< 5
4-aminoazobenzene (60-09-3)	< 5	< 5
2,4-xylidine (95-68-1)	< 5	< 5
2,6-xylidine (87-62-7)	< 5	< 5

<Note> 1. Detection Limit : 5 mg/kg

2. Instrument : GC-MS

3. Requirement : ≤ 30 mg/kg

- Continues -

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Test Items	Test Results	
	#3	#4
Arylamines (mg/kg) : Safety Standard Part 1 5.3 (KS K 0147 : 2015)		
biphenyl-4-ylamine (92-67-1)	< 5	< 5
benzidine (92-87-5)	< 5	< 5
4-chloro-o-toluidine (95-69-2)	< 5	< 5
2-naphthylamine (91-59-8)	< 5	< 5
o-aminoazotoluene (97-56-3)	< 5	< 5
2-amino-4-nitrotoluene (99-55-8)	< 5	< 5
4-chloroaniline (106-47-8)	< 5	< 5
2,4-diaminoanisole (615-05-4)	< 5	< 5
4,4'-diamino-diphenylmethane (101-77-9)	< 5	< 5
3,3'-dichlorobenzidine (91-94-1)	< 5	< 5
3,3'-dimethoxybenzidine (119-90-4)	< 5	< 5
3,3'-dimethylbenzidine (119-93-7)	< 5	< 5
4,4'-methylenedi-o-toluidine (838-88-0)	< 5	< 5
p-cresidine (120-71-8)	< 5	< 5
4,4'-methylene-bis-(2-chloroaniline) (101-14-4)	< 5	< 5
4,4'-oxydianiline (101-80-4)	< 5	< 5
4,4'-thiodianiline (139-65-1)	< 5	< 5
o-toluidine (95-53-4)	< 5	< 5
2,4-toluylenediamine (95-80-7)	< 5	< 5
2,4,5-trimethylaniline (137-17-7)	< 5	< 5
o-anisidine (90-04-0)	< 5	< 5
4-aminoazobenzene (60-09-3)	< 5	< 5
2,4-xylidine (95-68-1)	< 5	< 5
2,6-xylidine (87-62-7)	< 5	< 5

<Note> 1. Detection Limit : 5 mg/kg

2. Instrument : GC-MS

3. Requirement : ≤ 30 mg/kg

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Test Items	Test Results
	#5
Arylamines (mg/kg) : Safety Standard 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	

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Test Items	Test Results	
	#1	#2
Arylamines (mg/kg) : Safety Standard Part 1 5.3 (KS K 0739 : 2017)		
4-aminoazobenzene (60-09-3)	< 5	< 5
<Note> 1. Detection Limit : 5 mg/kg 2. Instrument : GC-MS 3. Requirement : ≤ 30 mg/kg		

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Test Items	Test Results	
	#3	#4
Arylamines (mg/kg) : Safety Standard Part 1 5.3 (KS K 0739 : 2017)		
4-aminoazobenzene (60-09-3)	< 5	< 5
<Note> 1. Detection Limit : 5 mg/kg 2. Instrument : GC-MS 3. Requirement : ≤ 30 mg/kg		

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Test Items	Test Results
Arylamines (mg/kg) : Safety Standard Part 1 5.3 (KS K 0739 : 2017)	
4-aminoazobenzene (60-09-3)	< 5
<Note> 1. Detection Limit : 5 mg/kg 2. Instrument : GC-MS 3. Requirement : ≤ 30 mg/kg	

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IMAGE

#1



#2



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IMAGE

#3



#4



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IMAGE

#5

