



LAB NO.: (6714)052-0160

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PO.NO. : /

DESCRIPTION OF SUBMITTED SAMPLE : RUG SAMPLE, CLAIMED TO BE 100% COTTON.
(Sample Received In Good Condition)\
(End USE: ROOM DECORATION)
(COUNTRY OF DISTRIBUTION:EUROPE)

COLOR : SAMPLE A:RED
SAMPLE B:BLUE
SAMPLE C:BLUE MARINE
SAMPLE D:WHITE
SAMPLE E:BEIGE
SAMPLE F:LILAC
SAMPLE G:PISTACHIO
SAMPLE H:ORANGE
SAMPLE I:GREY
SAMPLE J:PINK
SAMPLE K:MUSTRAD
SAMPLE L:TAUPE

PRIORITY : Normal

WASH CARE : /

SUMMARY OF TEST RESULTS

TEST REQUIRED	PASS	FAIL	REMARKS
FIBER COMPOSITION	X		
AZO DYES TEST	X		
FORMALDEHYDE TEST	X		

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TEST PROPERTY

TEST RESULTS

REQUIREMENTS

QUANTITATIVE FIBRE ANALYSIS (ISO 1833) **(SAMPLE A)**

Claimed

100% COTTON

Lab Analysis

100% COTTON

NO TOLERANCE
FOR SINGLE FIBER

Lab Recommended

100% COTTON

QUANTITATIVE FIBRE ANALYSIS (ISO 1833) **(SAMPLE B)**

Claimed

100% COTTON

Lab Analysis

100% COTTON

NO TOLERANCE
FOR SINGLE FIBER

Lab Recommended

100% COTTON

QUANTITATIVE FIBRE ANALYSIS (ISO 1833) **(SAMPLE C)**

Claimed

100% COTTON

Lab Analysis

100% COTTON

NO TOLERANCE
FOR SINGLE FIBER

Lab Recommended

100% COTTON

QUANTITATIVE FIBRE ANALYSIS (ISO 1833) **(SAMPLE D)**

Claimed

100% COTTON

Lab Analysis

100% COTTON

NO TOLERANCE
FOR SINGLE FIBER

Lab Recommended

100% COTTON

QUANTITATIVE FIBRE ANALYSIS (ISO 1833) **(SAMPLE E)**

Claimed

100% COTTON

Lab Analysis

100% COTTON

NO TOLERANCE
FOR SINGLE FIBER

Lab Recommended

100% COTTON

QUANTITATIVE FIBRE ANALYSIS (ISO 1833) **(SAMPLE F)**

Claimed

100% COTTON

Lab Analysis

100% COTTON

NO TOLERANCE
FOR SINGLE FIBER

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Lab Recommended 100% COTTON

QUANTITATIVE FIBRE ANALYSIS (ISO 1833) (SAMPLE G)

Claimed 100% COTTON

Lab Analysis 100% COTTON

NO TOLERANCE
FOR SINGLE FIBER

Lab Recommended 100% COTTON

TEST PROPERTY

TEST RESULTS

REQUIREMENTS

QUANTITATIVE FIBRE ANALYSIS (ISO 1833) (SAMPLE H)

Claimed 100% COTTON

Lab Analysis 100% COTTON

NO TOLERANCE
FOR SINGLE FIBER

Lab Recommended 100% COTTON

QUANTITATIVE FIBRE ANALYSIS (ISO 1833) (SAMPLE I)

Claimed 100% COTTON

Lab Analysis 100% COTTON

NO TOLERANCE
FOR SINGLE FIBER

Lab Recommended 100% COTTON

QUANTITATIVE FIBRE ANALYSIS (ISO 1833) (SAMPLE J)

Claimed 100% COTTON

Lab Analysis 100% COTTON

NO TOLERANCE
FOR SINGLE FIBER

Lab Recommended 100% COTTON

QUANTITATIVE FIBRE ANALYSIS (ISO 1833) (SAMPLE K)

Claimed 100% COTTON

Lab Analysis 100% COTTON

NO TOLERANCE
FOR SINGLE FIBER

Lab Recommended 100% COTTON

QUANTITATIVE FIBRE ANALYSIS (ISO 1833) (SAMPLE L)

Claimed 100% COTTON

Lab Analysis 100% COTTON

NO TOLERANCE
FOR SINGLE FIBER

Lab Recommended 100% COTTON

TEST PROPERTY

TEST RESULTS

REQUIREMENTS

FORMALDEHYDE

Test Method I : BS EN ISO 14184: 1

Test Method II : ISO 17226-1:2008 (For Leather)

Tested Item(s) : A Red rug sample
B Blue rug sample
C Blue marine rug sample
D White rug sample
E Beige rug sample
F Lilac rug sample
G Pistachio rug sample
H Orange rug sample
I Grey rug sample
J Pink rug sample
K Mustard rug sample
L Taupe rug sample

MAXMIMUM LIMIT: 300ppm

Tested Item(s)	Test Method	Result	Unit	Conclusion
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A		I	N.D	mg/kg	PASS
B		I	N.D	mg/kg	PASS
C		I	N.D	mg/kg	PASS
D		I	N.D	mg/kg	PASS
E		I	N.D	mg/kg	PASS
F		I	N.D	mg/kg	PASS
G		I	N.D	mg/kg	PASS
H		I	N.D	mg/kg	PASS
I		I	N.D	mg/kg	PASS
J		I	N.D	mg/kg	PASS
K		I	N.D	mg/kg	PASS
L		I	N.D	mg/kg	PASS

Note:

ND = Not detected “>” = More than mg/kg = milligram per kilogram

Detection Limit (mg/kg): 5

TEST PROPERTY

TEST RESULTS

REQUIREMENTS

AZO DYES

Test Method I : EN 14362-1:2003 incorporating Corrigendum 2005
Test Method II : EN 14362-2:2003 incorporating Corrigendum 2005
Test Method III : ISO / DIS 17234: 2008
Test Method IV : §64 LFGB B 82.02-9:2006

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

- Tested Item(s)** :
- A Mustard pile part + Mustard base part + Lilac pile part
 - B Lilac base part + Blue marine pile part + Blue marine base part
 - C Pistachio pile part + Pistachio base part + Pistachio binding fabric
 - D Grey binding fabric+ Grey pile part + Grey base part
 - E Red pile part + Red base part+ Red binding fabric .
 - F Blue pile part + Blue base part + Blue binding fabric .
 - G Pink pile part + Pink base part + Pink binding fabric .
 - H White pile (yellow base part)+ orange pile part+ orange base part
 - I Other pink pile part + other pink base part + other pink binding fabric
 - J Off white pile part + off white base part

MAXMIMUM LIMIT: 30ppm

Tested Item(s)	Test Method	Result			Conclusion
		Detected Analyte(s)	Conc.	Unit	
A	I	N.D	/	mg/kg	PASS
B	I	N.D	/	mg/kg	PASS
C	I	N.D	/	mg/kg	PASS
D	I	N.D	/	mg/kg	PASS
E	I	2-Naphthylamine OTHER	7 N.D	mg/kg	PASS
F	I	N.D	/	mg/kg	PASS
G	I	N.D	/	mg/kg	PASS
H	I	N.D	/	mg/kg	PASS
I	I	N.D	/	mg/kg	PASS
J	I	N.D	/	mg/kg	PASS

Note:

ND = Not detected

">" = More than

Conc. = Concentration

mg/kg = milligram per kilogram

Detection Limit (mg/kg): Each 5

Remark:

- The list of amines in azo dyestuff is summarized in table of Appendix.

APPENDIX

List of Amines in Azo Dyestuff:					
No.	Name of Analytes	CAS-No.	No.	Name of Analytes	CAS-No.
1	4-Aminodiphenyl	92-67-1	13	4,4'-Methylenedi-o-toluidine (3,3'-Dimethyl-4,4'-diaminodiphenylmethane)	838-88-0
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	5-nitro-o-toluidine (2-Amino-4-nitrotoluene)	99-55-8	18	o-Toluidine	95-53-4
7	4-Chloroaniline (p-Chloroaniline)	106-47-8	19	4-Methyl-m-phenylenediamine (2,4-Toluenediamine)	95-80-7
8	4-Methoxy-m-phenylenediamine (2,4-Diaminoanisole)	615-05-4	20	2,4,5-Trimethylaniline	137-17-7
9	4,4'-Methylenedianiline (4,4'-Diaminodiphenylmethane)	101-77-9	21	o-Anisidine	90-04-0
10	3,3'-Dichlorobenzidine	91-94-1	22	4-Aminoazobenzene (p-Aminoazobenzene)	60-09-3
11	3,3'-Dimethoxybenzidine (o-Dianisidine)	119-90-4	23	2,4-Xylidine	95-68-1
12	3,3'-Dimethylbenzidine (4,4'-Bi-o-toluidine)	119-93-7	24	2,6-Xylidine	87-62-7