

TEST REPORT

Report No.: HA0124NB072432SPC

Date: July 12, 2024

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Sample Description	:	Boys Beanie Hat & Gloves Set, Girls Beanie Hat & Gloves Set - 3 Piece, Mens Melange Beanie Hat, Mens Thermal Lined Beanie Hat, Kids Thermal Lined Plain Beanie Hat, Mens Reversible Beanie Hat, Kids Magic Gripper Gloves, Kids Plain Magic Gloves, Kids Striped Magic Gloves, Ladies Thermal Gloves, Ladies Gripper Gloves, Mens Black Magic Gloves, Mens Knitted Wool Gloves , Mens Fingerless Gripper Gloves
Model No.	:	TEX2468/OB, TEX2453/OB, TEX2450/OB, TEX2451/OB, TEX2452/OB, TEX2449/OB, TEX1641, TEX1642, TEX1643, TEX1644, TEX1645, TEX1648, TEX1646, TEX1647, TEX1652, TEX1649, TEX1650, TEX1651
Date of Sample Received	:	July 09, 2024
Sample Testing Date	:	July 09, 2024 to July 12, 2024

***** For Further Details, Please Refer to the Following Page(s) *****

	Test conclusion
	Pass
	Pass

Compiled by:

Fiona Zhang

Approved by:



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Test Results:

1. AZO Dyes Content

Test Method: With reference to EN 14362-1:2017, Textiles-Methods determination of certain aromatic amines derived from azo colorants and EN 14362-3:2017, Textiles-Methods determination of 4-aminoazobenzene.

Code	Aromatic Amine Substances	CAS No.	Unit	MDL	Limit	Results
1	4-aminobiphenyl xenylamine	92-67-1	mg/kg	20	---	N.D.
2	benzidine	92-87-5	mg/kg	20	---	N.D.
3	4-chloro-o-toluidine	95-69-2	mg/kg	20	---	N.D.
4	2-naphthylamine	91-59-8	mg/kg	20	---	N.D.
5	* o-aminoazotoluene	97-56-3	mg/kg	20	---	N.D.
6	* 5-nitro-o-toluidine	99-55-8	mg/kg	20	---	N.D.
7	4-chloroaniline	106-47-8	mg/kg	20	---	N.D.
8	4-methoxy-m-phenylenediamine	615-05-4	mg/kg	20	---	N.D.
9	4,4'-methylenedianiline	101-77-9	mg/kg	20	---	N.D.
10	3,3'-dichlorobenzidine	91-94-1	mg/kg	20	---	N.D.
11	3,3'-dimethoxybenzidine	119-90-4	mg/kg	20	---	N.D.
12	3,3'-dimethylbenzidine	119-93-7	mg/kg	20	---	N.D.
13	4,4'-methylenedi-o-toluidine	838-88-0	mg/kg	20	---	N.D.
14	6-methoxy-m-toluidine p-kresidine	120-71-8	mg/kg	20	---	N.D.
15	4,4'-methylene-bis-(2-chloro-aniline)	101-14-4	mg/kg	20	---	N.D.
16	4,4'-oxydianiline	101-80-4	mg/kg	20	---	N.D.
17	4,4'-thiodianiline	139-65-1	mg/kg	20	---	N.D.
18	o-toluidine	95-53-4	mg/kg	20	---	N.D.
19	4-methyl-m-phenylenediamine	95-80-7	mg/kg	20	---	N.D.
20	2,4,5-trimethylaniline	137-17-7	mg/kg	20	---	N.D.
21	o-anisidine	90-04-0	mg/kg	20	---	N.D.
22	4-amino azobenzene	60-09-3	mg/kg	20	---	N.D.
23	2,4-Xylidine	95-68-1	mg/kg	20	---	N.D.
24	2,6-Xylidine	87-62-7	mg/kg	20	---	N.D.
Sum of the above-mentioned Aromatic Amine			mg/kg	---	30	N.D.
Conclusion			---	---	---	Pass

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Note:

- 1. mg/kg=ppm=0.0001%;
- 2. N.D. =Not Detected(<MDL);
- 3. MDL=Method Detection Limit;
- 4. "---"=Not Conducted;
- 5. " * " The o-aminoazotoluene (97-56-3)and 5-nitro-o-toluidine (99-55-8) are further reduced to o-toluidine (95-53-4) and 4-methyl-m-phenylenediamine (95-80-7).

2. Color Fastness to Rubbing

Test method: With reference to EN ISO 105X12: 2016.

Test result(Grade):	
Dry staining	4-5
Wet staining	4-5
Remark: Grey Scale Rating is based on the 5-step scale of 1 to 5, where 1 is bad and 5 is good.	

Note:

- 1. mg/kg=ppm=0.0001%;
- 2. N.D. =Not Detected(<MDL);
- 3. MDL=Method Detection Limit;

Sample Description:



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Sample Photo:



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===== End of Test Report =====

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