

TEST REPORT

Report Ref.	LEI18032152A Original		
Date Received	13/03/2018	Date Issued	21/03/2018

Company Name & Address	T D G Texteis Dillmann & Gomes LDA Rua Dr Joaquim Morais Junior Vila Nova de Gaia, 4410-066 PRT
Contact Name	Christina Gomes

Sample Description	Double Oven Gloves
Colour	Printed Fabric
Supplier	TDG Texteis Dillman & Gomes LDA
Quoted Fibre Composition	85% Polyester, 15% Other Fibres
Specification Number	4 Samples
Retailer	General

Test	Method	Sample	Result
^Azo Dyes Analysis	BS EN 14362-1:2012 For textile material	Multicolour Printed White, Beige Mock Up Gloves	Pass

Tests marked (^) in this report have been performed by an approved 3rd party laboratory.
Tests marked (*) in this report are not included in our UKAS scope of accreditation.



Jess Lucas
(Jobsheet Technician)

^Azo Dyes Analysis BS EN 14362-1:2012 For textile material
Sample: Multicolour Printed White, Beige Mock Up Gloves

Detection of Amines Derived from Azocolourants and Azodyes	Result	Requirement	
Test Method: BS EN 14362-1:2012		Requirement	
By Gas Chromatographic - Mass Spectrometric and High Performance Liquid Chromatographic analysis		<30ppm	
Sample 1: Cream Main Black Print, Black Trim (without extraction)			
Sample 2: Ecu Fur Fabric (without extraction)			
		Sample 1	Sample 2
FORBIDDEN AMINE	CAS NO	RESULT (PPM)	RESULT (PPM)
4-AMINOBIIPHENYL	92-67-1	ND	ND
BENZIDINE	92-87-5	ND	ND
CHLORO-O-4-CHLOR-O-TOLUIDINE	95-69-2	ND	ND
2-NAPHTHYLAMINE	91-59-8	ND	ND
*O-AMINOAZOTOLUENE	97-56-3	ND	ND
*2-AMINO-4-NITROTOLUENE	99-55-8	ND	ND
P-CHLOROANILINE	106-47-8	ND	ND
2,4-DIAMINOANISOLE	615-05-4	ND	ND
4,4'-DIAMINOBIIPHENYLMETHANE	101-77-9	ND	ND
3,3'-DICHLOBENZIDINE	91-94-1	ND	ND
3,3'-DIMETHOXYBENZIDINE	119-90-4	ND	ND
3,3'-DIMETHYLBENZIDINE	119-93-7	ND	ND
3,3'-DIMETHYL-4,4'DIAMINOBIIPHENYLMETHANE	838-88-0	ND	ND
P-CRESIDINE	120-71-8	ND	ND
4,4'-METHYLENE-BIS(2 CHLOROANILINE)	101-14-4	ND	ND
4,4'-OXYDIANILINE	101-80-4	ND	ND
4,4'-THIODIANILINE	139-65-1	ND	ND
O-TOLUIDINE	95-53-4	ND	ND
2,4-TOLUENEDIAMINE	95-80-7	ND	ND
2,4,5-TRIMETHYLANILINE	137-17-7	ND	ND
O-ANISIDINE	90-04-0	ND	ND
**P-AMINOAZOBENZENE	60-09-3	ND	ND
2,4 XYLIDINE	95-68-1	ND	ND
2,6 XYLIDINE	87-62-7	ND	ND
ppm: part per million (mg/kg) Detection Limit: 5ppm ND: Not Detected			

Note:			
1) The amines o-amino-azotoluene and 2-amino-4 nitrotoluene are detected by its splitted product o-toluidine and 2,4-toluenediamine			
2) Azo Colourants that are able to form 4-aminoazobenzene generate under the condition of this method aliline and 1,4-phenyldiamine. The presence of these colourants can not be ascertained without additional information.			
3) According to EN 14362-1: 2012, separate test is suggested to ascertain the compliance for result of mixed test in the range between 5ppm and 30ppm.			
4) AZO colourants content requirement in annex XVII item 43 of the REACH regulation (EC) NO: 1907/2006 & amendment No. 552/2009 and 126/2013 (formerly known as directive 2002/61/EC)			
5) According to the official method EN 14362-1:2012, if 4-Aminodiphenyl, 2-Naphtylamine or 2,4-Diaminoanisoole is found exceeding requirement, the use of forbidden Azo colourants cannot be ascertained without additional information.			

Overall Test Result: Pass
Uncertainty: ±9%

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The reported expanded uncertainty is based on a standard uncertainty multiplied by a coverage factor of $k = 2$, providing a level of confidence of approximately 95 %. Any Pass/Fail statements do not take into account the Measurement of Uncertainty. The Uncertainty budgets are stated for each Test method, these are for reference, and should be considered when results are close to Specification Limits / Requirements.