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Hengelo (ov), 12-8-2016

Test Specimen:	Specimen:	Colour:	Client reference number:
	A.	-	Cloth Black + Cloth Light black. Mix test 2 colours
	B.	-	Cloth Yellow + Cloth Green. Mix test 2 colours
	C.	-	Cloth Magenta + Cloth Orange. Mix test 2 colours
	D.	-	Cloth Cyan + Cloth Light Cyan. Mix test 2 colours
	E.	-	Pro Cotton Basic
	F.	-	Pro Cotton Satin
	G.	-	Pro Cotton Percal

Examination:	Test number:	Test Name:
	1.	Azo dyestuffs
	2.	Allergy causing dyestuffs
	3.	Cadmium
	4.	Lead
	5.	Formaldehyde

Results See following pages


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Test: 1. Azo-dyestuffs (amines) investigation of amines according to valid legislation

Norm: DIN EN 14362-1:2012-04 14362-3:2012-09, § 64 LFGB B 82.02: 2013-01, § 64 LFGB B 82.02-9: 2014-02

Detection limit : 5 mg/kg

Legal limit : ≤ 30 mg/kg

Results test 1 specimen:	Mix test 2 colours
A.	Not detectable
B.	Not detectable
C.	Not detectable
D.	Not detectable

Test: 2. Allergy causing dyestuffs (disperse dyes)

Norm : SOP 4055 Extraction HPLC-DAD analysis

Detection limit : 1 mg/L

Legal limit : ≤5 mg/L (≈ 75mg/kg)

Results test 2 specimen:	Mix test 2 colours
A.	Not detectable
B.	Not detectable
C.	Not detectable
D.	Not detectable

Test: 3. Determination of cadmium (Cd) – Total decomposition

Norm : DIN EN 13805:2014-12

Detection limit : 1 mg/kg

Legal limit : ≤ 100 mg/kg

Results test 3 specimen:	Mix test 2 colours
A.	< 1 mg/kg
B.	< 1 mg/kg
C.	< 1 mg/kg
D.	< 1 mg/kg

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Test: 4. Lead total decomposition

Norm : DIN EN 13805:2014-12
Apparatus : ICP-OES analysis, pressure digestion.
Detection limit : 1 mg/kg
Target value : ≤ 90 mg/kg / baby: ≤ 45 mg/kg

Results test 4 specimen:	Mix test 2 colours
A.	< 1 mg/kg
B.	< 1 mg/kg
C.	< 1 mg/kg
D.	< 1 mg/kg

Test: 5. Formaldehyde, quantitative

Norm : DIN EN ISO 14184-1:2011-12, LFGB & 64 82.02-1:1985-06
Detection limit : 5 mg/kg
Legal limit : 75 mg/kg

Results test 5 specimen:	
E.	Not detectable
F..	Not detectable
G..	Not detectable


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