

BRACHI TESTING SERVICES

BRACHI TESTING SERVICES
srl unipersonale

Via Sabadell n° 162/21

59100 Prato

Tel. +39 0574.591343

Fax +39 0574.593975

E-mail: laboratorio@brachi.it

Cod.Fis./P.IVA 02315520979

www.brachi.it

RAPPORTO DI PROVA N°: Test Report N°:	014533/21
DITTA PRESENTATRICE: Company:	TESSILFIBRE SPA - VIA XXV APRILE, 33 - POGGIO A CAIANO (PO)
CAMPIONE: Sample:	Sample of yarn colour white named STYLE FILATO PURA LANA NM 2/28 2104417 COL GREGGIO.
CAMPIONAMENTO: Sampling:	Made by the customer
DATA RICEVIMENTO: Date of Receipt:	June 23 2021
DATA ESECUZIONE PROVE: Test execution date:	From the date of receipt to the date of issue
OGGETTO: Subject:	Various analysis

RISULTATI DI LABORATORIO

TEST RESULTS



I risultati enunciati si riferiscono unicamente ai campioni ricevuti e non alla partita che gli stessi rappresentano.

I campioni analizzati si conservano per tre mesi.

Il presente rapporto di prova ha valore solo se in originale e non può essere riprodotto parzialmente, salvo approvazione scritta del laboratorio.

The declared results refer solely to the samples received and not to the batch that they represent.

The analysed samples will be kept for three months.

This test report is only valid in its original form and cannot be partially reproduced without written approval of the laboratory.

IL DIRETTORE
P.I. Primo Brachi

*Le prove non accreditate ACCREDIA sono quelle indicate con: **

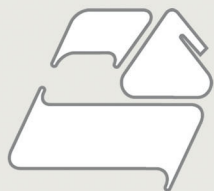
*Test that are marked with an asterisk * are not accredited by Accredia*



INTER
2014
094
WOOLLABS
AIR-FLOW
MICROPROJECTION
for WOOL TOPS only



LAB N° 0224 L



BRACHI TESTING SERVICES

BRACHI TESTING SERVICES
srl unipersonale

Via Sabadell n° 162/21
59100 Prato

Tel. +39 0574.591343

Fax +39 0574.593975

E-mail: laboratorio@brachi.it

Cod. Fis./P.IVA 02315520979

www.brachi.it

I risultati enunciati si riferiscono unicamente ai campioni ricevuti e non alla partita che gli stessi rappresentano.

I campioni analizzati si conservano per tre mesi.

Il presente rapporto di prova ha valore solo se in originale e non può essere riprodotto parzialmente, salvo approvazione scritta del laboratorio.

The declared results refer solely to the samples received and not to the batch that they represent.

The analysed samples will be kept for three months.

This test report is only valid in its original form and cannot be partially reproduced without written approval of the laboratory.

DETERMINATION OF PHTHALATES (CPSC)

Process:

Test Method : EN ISO 14389:2014

Method : Dissolution with tetrahydrofurane (THF), precipitation of PVC residue with hexane and gascromatographic analysis with mass detector (GC-MS)

Correct mass (mc): 0,311 g

Total mass (mt) : 0,311 g

Not detectable : </= LOD

Testing date : 30/06/2021

Results:

PHTHALATES	CAS-Nr	LOD (mg/kg)	LOQ (mg/kg)	Results (mg/kg)	Results %
Dibutyl phthalate (DBP)	84-74-2	3	10	N.D.	
Benzyl butyl phthalate (BBP)	85-68-7	3	10	N.D.	
Di (2 ethylexyl) phthalate (DEHP)	117-81-7	3	10	N.D.	
Sum of three (DBP+BBP+DEHP)		--	--	N.D.	
Di iso buthyl phthalate (DIBP)	84-69-5	3	10	N.D.	
Din-n-octyl phthalate (DNOP)	117-84-0	5	15	N.D.	
Di iso nonyl phthalate (DINP)	28553-12-0, 68515-48-0	15	50	N.D.	
Di iso decyl phthalate (DIDP)	26761-40-0 68515-49-1	15	50	N.D.	
Sum of three (DnOP+Didp+DINP)		--	--	N.D.	
Di-C6-8-branched alkyphthalates (DIHP)	71888-89-6	15	50	N.D.	
Di-pentylphthalate (n-,iso-or mixed) (DPP)	131-18-0, 605-50-5, 776297-69-9 84777-06-0	3	10	N.D.	
Di-(2-methoxyethyl)-phthalate (DMEP)	117-82-8	15	50	N.D.	
Di n-hexyl phthalate (DNHP)	84-75-3	3	10	N.D.	
Di-C7-11-branched alkylphthalates (DCHP)	84-61-7	3	50	--	
Di-C7-11-branched alkyl phthalates (DHNUP)	68515-42-4	15	50	N.D.	

Legend: n.d.: not detectable

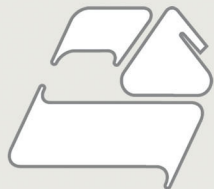
Le prove non accreditate ACCREDIA sono quelle indicate con: *

Test that are marked with an asterisk * are not accredited by Accredia



INTER 2014
094
WOOLLABS
AIR-FLOW
MICROPROJECTION
for WOOL TOPS only





BRACHI TESTING SERVICES

BRACHI TESTING SERVICES
srl unipersonale

Via Sabadell n° 162/21

59100 Prato

Tel. +39 0574.591343

Fax +39 0574.593975

E-mail: laboratorio@brachi.it

Cod.Fis./P.IVA 02315520979

www.brachi.it

PENTACHLOROPHENOL (PCP)-TETRACHLOROPHENOL (TeCP) AND ITS SALTS AND ESTERS AND ORTOPHENOL DETERMINATION

Process:

Test Method : UNI 11057:2003

Extraction in alkaline solution, acetylation,
extraction with solvent and Gascromatografic analysis.

Results:

SUBSTANCES	CAS N.	DETEC. LIMIT (mg/kg)	RESULTS (mg/kg)
2- Chlorophenol	95-57-8	0.05	N.D.
3- Chlorophenol	108-43-0	0.05	N.D.
4- Chlorophenol	106-48-8	0.05	N.D.
Dichlorophenol (DiCP)	25167-81-1	0.05	N.D.
2,3-Dichlorophenol	576-24-9	0.05	N.D.
2,4-Dichlorophenol	120-83-2	0.05	N.D.
2,5-Dichlorophenol	583-78-8	0.05	N.D.
3,4-Dichlorophenol	95-77-2	0.05	N.D.
3,5-Dichlorophenol	591-35-5	0.05	N.D.
Trichlorophenol (TriCP)	2516782-2	0.05	N.D.
2,3,4-Trichlorophenol	15950-6-0	0.05	N.D.
2,3,5-Trichlorophenol	933-78-8	0.05	N.D.
2,3,6-Trichlorophenol	933-75-5	0.05	N.D.
2,4,5-Trichlorophenol	95-95-4	0.05	N.D.
2,4,6-Trichlorophenol	88-06-2	0.05	N.D.
3,4,5-Trichlorophenol	609-19-8	0.05	N.D.
Tetrachlorophenol (TeCP)	25167-83-3	0.05	N.D.
2,3,4,5-Tetrachlorophenol	4901-51-3	0.05	N.D.
2,3,4,6-Tetrachlorophenol	58-90-2	0.05	N.D.
2,3,5,6-Tetrachlorophenol	935-95-5	0.05	N.D.
Pentachlorophenol (PCP)	87-86-5	0.05	N.D.

Legend: N.D.= not detectable

I risultati enunciati si riferiscono unicamente
ai campioni ricevuti e non alla partita che gli
stessi rappresentano.

I campioni analizzati si conservano per tre mesi.

Il presente rapporto di prova ha valore solo se
in originale e non può essere riprodotto
parzialmente, salvo approvazione scritta
del laboratorio.

The declared results refer solely to the samples
received and not to the batch that they represent.

The analysed samples will be kept for three months.

This test report is only valid in its original form
and cannot be partially reproduced without
written approval of the laboratory.

Le prove non accreditate ACCREDIA sono quelle indicate con: *

Test that are marked with an asterisk * are not accredited by Accredia



INTER
2014
094
WOOLLABS
AIR-FLOW
MICROPROJECTION
for WOOL TOPS only





BRACHI TESTING SERVICES

BRACHI TESTING SERVICES
srl unipersonale

Via Sabadell n° 162/21

59100 Prato

Tel. +39 0574.591343

Fax +39 0574.593975

E-mail: laboratorio@brachi.it

Cod.Fis./P.IVA 02315520979

www.brachi.it

* DETERMINATION OF ALKYLPHENOLS (APs)

Test Method : Internal method
Method : Extraction with methanol for 30 min at 40°C in ultrasonic bath and gaschromatographic determination with mass detector (GC/MS) GC-MSMS

Results:

SUBSTANCES	CAS N.	RESULT (mg/kg)
Octyl phenols (as Isomers mixture)	27193-28-8 140-66-9 1806-26-4	N.D.
Nonylphenols (as Isomers mixture)	25154-52-3 140-40-5 11066-49-2 84852-15-3	N.D.

Detection limit (LOD) : 0,2 mg/kg
Quantification limit (LOQ) : 0,4 mg/kg
NOTE: n.d.: not detectable (<LOD)

DETERMINATION OF ETHOXYLATED ALKYLPHENOLS (APEOs)

Test Method : ISO 18254-1: 2016
Method : Extraction with methanol for 30 min at 40°C in ultrasonic bath and liquid chromatography determination with mass detector (LC/MS/MS)

Results:

SUBSTANCES	CAS N.	RESULT (mg/kg)
Octylphenol Ethoxylated	OPEO (1) 51437-89-9 OPEO(2) 51437-90-2 OPEO (3-16) 9002-93-1, 9036-19-5, 68987-90-6	ND
Nonylphenol Ethoxylated	NPEO (1) 104-35-8 NPEO(2) 20427-84-3 NPEO (3-18) 68412-54-4, 9016-45-9, 26027-38-3, 37205-87-1, 127087-87-0	ND

Detection limit (LOD) : 0,3 mg/kg
Quantification limit (LOQ) : 0,4 mg/kg
NOTE: n.d.: not detectable (<LOD)

Le prove non accreditate ACCREDIA sono quelle indicate con: *
Test that are marked with an asterisk * are not accredited by Accredia

I risultati enunciati si riferiscono unicamente ai campioni ricevuti e non alla partita che gli stessi rappresentano.

I campioni analizzati si conservano per tre mesi.

Il presente rapporto di prova ha valore solo se in originale e non può essere riprodotto parzialmente, salvo approvazione scritta del laboratorio.

The declared results refer solely to the samples received and not to the batch that they represent.

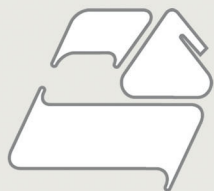
The analysed samples will be kept for three months.

This test report is only valid in its original form and cannot be partially reproduced without written approval of the laboratory.



INTER 2014
094
WOOLLABS
AIR-FLOW
MICROPROJECTION
for WOOL TOPS only





BRACHI TESTING SERVICES

BRACHI TESTING SERVICES
srl unipersonale

Via Sabadell n° 162/21

59100 Prato

Tel. +39 0574.591343

Fax +39 0574.593975

E-mail: laboratorio@brachi.it

Cod.Fis./P.IVA 02315520979

www.brachi.it

I risultati enunciati si riferiscono unicamente ai campioni ricevuti e non alla partita che gli stessi rappresentano.

I campioni analizzati si conservano per tre mesi.

Il presente rapporto di prova ha valore solo se in originale e non può essere riprodotto parzialmente, salvo approvazione scritta del laboratorio.

The declared results refer solely to the samples received and not to the batch that they represent.

The analysed samples will be kept for three months.

This test report is only valid in its original form and cannot be partially reproduced without written approval of the laboratory.

TEXTILES: METHODS FOR DETERMINATION OF CERTAIN AROMATIC AMMINES DERIVED FROM AZO COLOURANTS. PART 1: DETECTION OF THE USE OF CERTAIN AZO COLORANTS ACCESSIBLE WITH OR WITHOUT EXTRACTING THE FIBERS

Procedure:

Reductive cleavage of the azo group with sodium dithionite in a citrate buffered aqueous solution (ph: 6; 70°C), spe purification, liquid-liquid extraction in terbutylmethylether phase. Gascromatographic quantitative determination with mass detector GC/MSDGC-MSMS/LC-MSMS .

Method : EN 14362-1: 2012

Color of sample : BEIGE

NOTE:

A) The use of certain azo colorants (Table 1) cannot be reliably ascertained without additional information, e.g. the chemical structure of the colorants used.

B) The product from which the sample was taken may have been coloured with colorants whose structures contain the amines but not azo bound.

C) The product from which the sample was taken may have been coloured with an azo colorant whose structure does not contain preformed 4-methoxy-m-phenylenediamine but 2-amino-4-nitroanisole. In the course of the analytical procedure the azo colorant will release 2-amino-4-nitroanisole which in turn will form 4-methoxy-m-phenylenediamine.

D) Care should be taken that detected aromatic amines originate from azo colorants and not for other materials such as polyurethane.

Results:

AROMATIC AMINES	RESULTS (ppm)	CAS	NOTE	DETECTION LIMIT (ppm)
4-Aminobiphenyle	N.D.	92-67-1	A,B	1
Benidine	N.D.	92-87-5	-	1
4-Chloro-O-Toluidine	N.D.	95-69-2	-	1
2-Naphthylamine	N.D.	91-59-8	A,B	1
p-Chloroaniline	N.D.	106-47-8	-	1
2,4-Diaminoanisole	N.D.	615-05-4	A,C	1
4,4'-Diaminodiphenylmethane	N.D.	101-77-9	D	1
3,3'-Dichlorobenzidine	N.D.	91-94-1	-	1
3,3'-Dimethoxybenzidine	N.D.	119-90-4	-	1
3,3'-Dimethylbenzidine	N.D.	119-93-7	-	1
3,3'-Dimethyl-4,4' Diamino-diphenylmethane	N.D.	838-88-0	D	1
P-Cresidine	N.D.	120-71-8	-	1
4,4'-Methylene-bis(2-Chloroaniline)	N.D.	101-14-4	-	1
4,4' Oxydianiline	N.D.	101-80-4	-	1
4,4' Thiodianiline	N.D.	139-65-1	-	1
o-Toluidine	N.D.	95-53-4	-	1
o-Aminoazotoluene (a)	N.D.	97-56-3	-	1
5 Nitro-o-Toluidina (a)	N.D.	99-55-8	-	1
2,4-Toluidendiamine	N.D.	95-80-7	-	1
4 Aminoazobenzene (b)	N.D.	60-09-3	-	1
2,4,5-Trimetilanolilina	N.D.	137-17-7	-	1
o-Anisidine	N.D.	90-04-0	-	1
* 2,4 -xylylidine	N.D.	95-68-1	-	1
* 2,6 -Xylylidine	N.D.	87-62-7	-	1

	CAS	DETECTED	NOT DETECTED
Aniline	62-53-3		X
1,4- Phenylendiamine	106-50-3		X

Legenda : ND : not detectable

Le prove non accreditate ACCREDIA sono quelle indicate con: *

Test that are marked with an asterisk * are not accredited by Accredia



INTER 2014
094
WOOLLABS
AIR-FLOW
MICROPROJECTION
for WOOL TOPS only





BRACHI TESTING SERVICES

BRACHI TESTING SERVICES
srl unipersonale

Via Sabadell n° 162/21
59100 Prato

Tel. +39 0574.591343

Fax +39 0574.593975

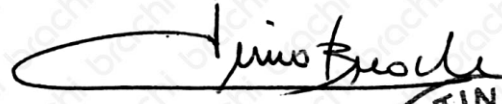

E-mail: laboratorio@brachi.it

Cod.Fis./P.IVA 02315520979

www.brachi.it

Note: (a) the CAS number 97-56-3 and 99-55-8 are further reduced to CAS number 95-53-4 and 95-80-7.
(b) azo colorant that are able to form 4-aminoazobenzene, generate under the condition of this method aniline (CAS 62-53-3) and 1-4-phenylenediamine (CAS 106-50-3). Due to detection limits, only aniline may be detected. the presence of these colorants should be tested by EN 14362-3 (textiles)

Prato, July 06 2021


P.I. Primo Brachi
Direttore


La copia originale del certificato può essere scaricata dal sito <http://mylab.brachi.it/validaterdp.aspx> usando il seguente codice:
g2pbhptrZ7mJhmRQh5Vf9A==

FINE DEL RAPPORTO DI PROVA
END OF TEST REPORT

I risultati enunciati si riferiscono unicamente ai campioni ricevuti e non alla partita che gli stessi rappresentano.

I campioni analizzati si conservano per tre mesi.

Il presente rapporto di prova ha valore solo se in originale e non può essere riprodotto parzialmente, salvo approvazione scritta del laboratorio.

The declared results refer solely to the samples received and not to the batch that they represent.

The analysed samples will be kept for three months.

This test report is only valid in its original form and cannot be partially reproduced without written approval of the laboratory.

Le prove non accreditate ACCREDIA sono quelle indicate con: *
Test that are marked with an asterisk * are not accredited by Accredia



INTER
2014
094
WOOLLABS
AIR-FLOW
MICROPROJECTION
for WOOL TOPS only



LAB N° 0224 L