



LAB N° 0069 L

pH s.r.l.

Società unipersonale soggetta al controllo e al coordinamento di TÜV SÜD AG
 - Sede legale e Laboratorio Alimenti: Via Sangallo, 29 50028 Barberino Tavarnelle (FI)
 telefono: +39 055 80961 fax: +39 055 8071099
 - Uffici e Laboratorio Ambiente: Via Bramante, 10/12 50028 Barberino Tavarnelle (FI)
 telefono: +39 055 80677 fax: +39 055 8067850
 - Laboratorio Ambiente: Z.I. Tito Scalo 85050 Tito (PZ)
 telefono: +39 0971 485795 fax: +39 0971 485795
 e-mail: info@pHsrli.it web: www.tuv.it/ph

TEST REPORT**N° 19-FC01818**

Sample identification number: 19-FC01818
Sample description: Teraskin, 55% silicone - 45% poyester
Sampled by: Customer (§)
Customer: ABITEX S.R.L.
 Via Enrico Fermi 9/11
 CADONEGHE 35010 PD
Arrival date: 18/06/2019

(§)The Laboratory is not responsible for sampling modalities.

RESULTS

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
* pH Value <i>ISO 3071:2015</i>		6.57		pH unit			0_A		18/06	20/06
* Nonylphenol and nonylphenol ethoxylates <i>EPA 3550C 2007 + EPA 8270E 2018</i>		< 1		mg/Kg	1		0_A		18/06	27/06
* Octylphenols and Etoxylated Octilphenols <i>EPA 3550C 2007 + EPA 8270E 2018</i>		< 1		mg/Kg	1		0_A		18/06	27/06
* SCCP (Short-chain chloro paraffins C10-C13) <i>EPA 3550C 2007 + EPA 8270E 2018</i>		< 25		mg/Kg	25		0_A		18/06	04/07
* Cadmium content <i>MP/C/1020 rev 0 2015</i>		< 0.2		mg/Kg	0.2		0_A		18/06	25/06
* Lead content <i>MP/C/1020 rev 0 2015</i>		< 0.2		mg/Kg	0.2		0_A		18/06	25/06
* Formaldehyde in aqueous extract <i>UNI EN 1541:2002</i>		< 5.0		mg/Kg	5.0		0_A		18/06	20/06
* Pentachlorophenol in aqueous extract <i>UNI EN ISO 15320:2011</i>		< 0.02		mg/Kg	0.02		0_A		18/06	01/07
AZODYES - AROMATIC AMINES <i>UNI EN 14362-1:2017</i>							0_A			
* 2,4,5-trimetylaniline <i>UNI EN 14362-1:2017</i>		< 0.2		mg/Kg	0.2		0_A		18/06	05/07
* 2-naftyl-amine <i>UNI EN 14362-1:2017</i>		< 0.2		mg/Kg	0.2		0_A		18/06	05/07
* 3,3-diclorobenzidine <i>UNI EN 14362-1:2017</i>		< 0.2		mg/Kg	0.2		0_A		18/06	05/07
* 3,3-dimetilbenzidine <i>UNI EN 14362-1:2017</i>		< 0.2		mg/Kg	0.2		0_A		18/06	05/07
* 3,3-dimetossibenzidine <i>UNI EN 14362-1:2017</i>		< 0.2		mg/Kg	0.2		0_A		18/06	05/07
* 4,4-metiyenbis-2clhoroaniline <i>UNI EN 14362-1:2017</i>		< 0.2		mg/Kg	0.2		0_A		18/06	05/07
* 4,4-metiyendianiline <i>UNI EN 14362-1:2017</i>		< 0.2		mg/Kg	0.2		0_A		18/06	05/07
* 4,4-metiyendiotoluidine <i>UNI EN 14362-1:2017</i>		< 0.2		mg/Kg	0.2		0_A		18/06	05/07
* 4,4-ossidianiline <i>UNI EN 14362-1:2017</i>		< 0.2		mg/Kg	0.2		0_A		18/06	05/07



LAB N° 0069 L

pH s.r.l.

Società unipersonale soggetta al controllo e al coordinamento di TÜV SÜD AG
 - Sede legale e Laboratorio Alimenti: Via Sangallo, 29 50028 Barberino Tavarnelle (FI)
 telefono: +39 055 80961 fax: +39 055 8071099
 - Uffici e Laboratorio Ambiente: Via Bramante, 10/12 50028 Barberino Tavarnelle (FI)
 telefono: +39 055 80677 fax: +39 055 8067850
 - Laboratorio Ambiente: Z.I. Tito Scalo 85050 Tito (PZ)
 telefono: +39 0971 485795 fax: +39 0971 485795
 e-mail: info@phsrl.it web: www.tuv.it/ph

N° 19-FC01818

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
* 4,4-tiodianiline <i>UNI EN 14362-1:2017</i>		< 0.2		mg/Kg	0.2		0_A		18/06	05/07
* 4-amino-azobenzene <i>UNI EN 14362-1:2017</i>		< 0.2		mg/Kg	0.2		0_A		18/06	05/07
* 4-amino-biphenyle <i>UNI EN 14362-1:2017</i>		< 0.2		mg/Kg	0.2		0_A		18/06	05/07
* 4-chloro-aniline <i>UNI EN 14362-1:2017</i>		< 0.2		mg/Kg	0.2		0_A		18/06	05/07
* 4-chloro-o-toluidine <i>UNI EN 14362-1:2017</i>		< 0.2		mg/Kg	0.2		0_A		18/06	05/07
* 4-metyl-m-fenilendiamine <i>UNI EN 14362-1:2017</i>		< 0.2		mg/Kg	0.2		0_A		18/06	05/07
* 4-metossi-m-fenylendiamine <i>UNI EN 14362-1:2017</i>		< 0.2		mg/Kg	0.2		0_A		18/06	05/07
* 6-metossi-m-toluidine <i>UNI EN 14362-1:2017</i>		< 0.2		mg/Kg	0.2		0_A		18/06	05/07
* Aniline <i>UNI EN 14362-1:2017</i>		< 0.2		mg/Kg	0.2		0_A		18/06	05/07
* Benzidine <i>UNI EN 14362-1:2017</i>		< 0.2		mg/Kg	0.2		0_A		18/06	05/07
* o-amino-nitrotoluene <i>UNI EN 14362-1:2017</i>		< 0.2		mg/Kg	0.2		0_A		18/06	05/07
* o-anisidine <i>UNI EN 14362-1:2017</i>		< 0.2		mg/Kg	0.2		0_A		18/06	05/07
* o-toluidine <i>UNI EN 14362-1:2017</i>		< 0.2		mg/Kg	0.2		0_A		18/06	05/07
* 2,4-Xilidine <i>UNI EN 14362-1:2017</i>		< 0.2		mg/Kg	0.2		0_A		18/06	05/07
* 2,6-Xilidine <i>UNI EN 14362-1:2017</i>		< 0.2		mg/Kg	0.2		0_A		18/06	05/07
PHTHALATES										
* Diisononylphthalate (DINP) <i>MP/C/1313 rev 0 2018</i>		< 0.10		g/100g	0.10		0_A		18/06	24/06
* Diisodecylphthalate (DIDP) <i>MP/C/1313 rev 0 2018</i>		< 0.10		g/100g	0.10		0_A		18/06	24/06
* Di-n-octyl phthalate (DNOP) <i>MP/C/1313 rev 0 2018</i>		< 0.10		g/100g	0.10		0_A		18/06	24/06
* Sum of DINP; DIDP; DNOP <i>MP/C/1313 rev 0 2018</i>		< 0.10		g/100g	0.10		0_A		18/06	24/06
* Bis (2-ethylhexyl)phthalate (DEHP) <i>MP/C/1313 rev 0 2018</i>		< 0.10		g/100g	0.10		0_A		18/06	24/06
* Dibutyl phthalate (DBP) <i>MP/C/1313 rev 0 2018</i>		< 0.10		g/100g	0.10		0_A		18/06	24/06
* Benzyl butyl phthalate (BBP) <i>MP/C/1313 rev 0 2018</i>		< 0.10		g/100g	0.10		0_A		18/06	24/06
* Diisobutyl phthalate (DIBP) <i>MP/C/1313 rev 0 2018</i>		< 0.10		g/100g	0.10		0_A		18/06	24/06
* Sum of DEHP; DBP; BBP <i>MP/C/1313 rev 0 2018</i>		< 0.10		g/100g	0.10		0_A		18/06	24/06



LAB N° 0069 L

pH s.r.l.

Società unipersonale soggetta al controllo e al coordinamento di TÜV SÜD AG
 - Sede legale e Laboratorio Alimenti: Via Sangallo, 29 50028 Barberino Tavarnelle (FI)
 telefono: +39 055 80961 fax: +39 055 8071099
 - Uffici e Laboratorio Ambiente: Via Bramante, 10/12 50028 Barberino Tavarnelle (FI)
 telefono: +39 055 80677 fax: +39 055 8067850
 - Laboratorio Ambiente: Z.I. Tito Scalo 85050 Tito (PZ)
 telefono: +39 0971 485795 fax: +39 0971 485795
 e-mail: info@phsrl.it web: www.tuv.it/ph

N° 19-FC01818

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
* 1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich <i>MP/C/1313 rev 0 2018</i>		< 0.10		g/100g	0.10		0_A		18/06	27/06
* Dipentyl phthalate (DPP) <i>MP/C/1313 rev 0 2018</i>		< 0.10		mg/Kg	0.10		0_A		18/06	24/06
* Dihexyl phthalate <i>MP/C/1313 rev 0 2018</i>		< 0.10		g/100g	0.10		0_A		18/06	27/06
* 1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters or mixed decyl and hexyl and octyl diesters <i>MP/C/1313 rev 0 2018</i>		< 0.10		g/100g	0.10		0_A		18/06	27/06
POLYCYCLIC AROMATIC HYDROCARBONS (PAHs)										
Benzo[a]pyrene <i>AiPS GS 2014:01 PAK</i>		< 0.1		mg/Kg	0.1		0_B		18/06	26/06
Benzo[e]pyrene <i>AiPS GS 2014:01 PAK</i>		< 0.1		mg/Kg	0.1		0_B		18/06	26/06
Benzo[a]anthracene <i>AiPS GS 2014:01 PAK</i>		< 0.1		mg/Kg	0.1		0_B		18/06	26/06
Benzo[b]fluoranthene <i>AiPS GS 2014:01 PAK</i>		< 0.1		mg/Kg	0.1		0_B		18/06	26/06
Benzo[j]fluoranthene <i>AiPS GS 2014:01 PAK</i>		< 0.1		mg/Kg	0.1		0_B		18/06	26/06
Benzo[k]fluoranthene <i>AiPS GS 2014:01 PAK</i>		< 0.1		mg/Kg	0.1		0_B		18/06	26/06
Chrysene <i>AiPS GS 2014:01 PAK</i>		< 0.1		mg/Kg	0.1		0_B		18/06	26/06
Dibenzo[a,h]anthracene <i>AiPS GS 2014:01 PAK</i>		< 0.1		mg/Kg	0.1		0_B		18/06	26/06
Benzo[g,h,i]perylene <i>AiPS GS 2014:01 PAK</i>		< 0.1		mg/Kg	0.1		0_B		18/06	26/06
Indeno(1,2,3cd)pyrene <i>AiPS GS 2014:01 PAK</i>		< 0.1		mg/Kg	0.1		0_B		18/06	26/06
Acenaphthylene <i>AiPS GS 2014:01 PAK</i>		< 0.1		mg/Kg	0.1		0_B		18/06	26/06
Acenaphthene <i>AiPS GS 2014:01 PAK</i>		< 0.1		mg/Kg	0.1		0_B		18/06	26/06
Fluorene <i>AiPS GS 2014:01 PAK</i>		< 0.1		mg/Kg	0.1		0_B		18/06	26/06
Phenanthrene <i>AiPS GS 2014:01 PAK</i>		< 0.1		mg/Kg	0.1		0_B		18/06	26/06
Pyrene <i>AiPS GS 2014:01 PAK</i>		< 0.1		mg/Kg	0.1		0_B		18/06	26/06
Anthracene <i>AiPS GS 2014:01 PAK</i>		< 0.1		mg/Kg	0.1		0_B		18/06	26/06
Fluoranthene <i>AiPS GS 2014:01 PAK</i>		< 0.1		mg/Kg	0.1		0_B		18/06	26/06
Naphtalene <i>AiPS GS 2014:01 PAK</i>		< 0.1		mg/Kg	0.1		0_B		18/06	26/06
Sum of Policiclic Aromatic Hydrocarbons <i>AiPS GS 2014:01 PAK</i>		< 0.5		mg/Kg	0.5		0_B		18/06	26/06
ORGANOTIN										



LAB N° 0069 L

pH s.r.l.

Società unipersonale soggetta al controllo e al coordinamento di TÜV SÜD AG
 - Sede legale e Laboratorio Alimenti: Via Sangallo, 29 50028 Barberino Tavarnelle (FI)
 telefono: +39 055 80961 fax: +39 055 8071099
 - Uffici e Laboratorio Ambiente: Via Bramante, 10/12 50028 Barberino Tavarnelle (FI)
 telefono: +39 055 80677 fax: +39 055 8067850
 - Laboratorio Ambiente: Z.I. Tito Scalo 85050 Tito (PZ)
 telefono: +39 0971 485795 fax: +39 0971 485795
 e-mail: info@pHsr.it web: www.tuv.it/ph

N° 19-FC01818

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
* Tributyltin (TBT) <i>EPA 3550C 2007 + EPA 8270E 2018</i>		< 0.25		mg/Kg	0.25		0_B		18/06	27/06
* Triphenyltin chloride <i>EPA 3550C 2007 + EPA 8270E 2018</i>		< 0.25		mg/Kg	0.25		0_B		18/06	27/06
* Tricyclohexyl tin (TCyHT) <i>EPA 3550C 2007 + EPA 8270E 2018</i>		< 0.25		mg/Kg	0.25		0_B		18/06	27/06
* Dibutyltin as dichloride (DBT) <i>EPA 3550C 2007 + EPA 8270E 2018</i>		< 0.25		mg/Kg	0.25		0_B		18/06	27/06
* Dioctyltin dichloride (DOT) <i>EPA 3550C 2007 + EPA 8270E 2018</i>		< 0.25		mg/Kg	0.25		0_B		18/06	27/06
* Monobutyltin as trichloride (MBT) <i>EPA 3550C 2007 + EPA 8270E 2018</i>		< 0.25		mg/Kg	0.25		0_B		18/06	27/06
* Mono octyl tin trichloride (MOT) <i>EPA 3550C 2007 + EPA 8270E 2018</i>		< 0.25		mg/Kg	0.25		0_B		18/06	27/06
* Tetrabutyltin (TeBT) <i>EPA 3550C 2007 + EPA 8270E 2018</i>		< 0.25		mg/Kg	0.25		0_B		18/06	27/06
METALS MIGRATION										
* Aluminum <i>UNI EN 71-3:2013+A3:2018</i>		22.7		mg/Kg	0.01	70000	0_A		18/06	25/06
* Antimony <i>UNI EN 71-3:2013+A3:2018</i>		0.832		mg/Kg	0.5	560	0_A		18/06	25/06
* Barium <i>UNI EN 71-3:2013+A3:2018</i>		83.5		mg/Kg	0.01	18750	0_A		18/06	25/06
* Boron <i>UNI EN 71-3:2013+A3:2018</i>		1.76		mg/Kg	0.01	15000	0_A		18/06	25/06
* Cadmium <i>UNI EN 71-3:2013+A3:2018</i>		< 0.01		mg/Kg	0.01	17	0_A		18/06	25/06
* Cobalt <i>UNI EN 71-3:2013+A3:2018</i>		< 0.5		mg/Kg	0.5	130	0_A		18/06	25/06
* Chromium (III) <i>UNI EN 71-3:2013+A3:2018</i>		0.201		mg/Kg	0.005	460	0_A		18/06	25/06
* Chromium (VI) <i>UNI EN 71-3:2013+A3:2018</i>		< 0.005		mg/Kg	0.005	0.2	0_A		18/06	28/06
* Manganese <i>UNI EN 71-3:2013+A3:2018</i>		< 0.5		mg/Kg	0.5	15000	0_A		18/06	25/06
* Mercury <i>UNI EN 71-3:2013+A3:2018</i>		< 0.01		mg/Kg	0.01	94	0_A		18/06	25/06
* Nickel <i>UNI EN 71-3:2013+A3:2018</i>		< 0.01		mg/Kg	0.01	930	0_A		18/06	25/06
* Lead <i>UNI EN 71-3:2013+A3:2018</i>		0.082		mg/Kg	0.01	23	0_A		18/06	25/06
* Copper <i>UNI EN 71-3:2013+A3:2018</i>		< 0.5		mg/Kg	0.5	7700	0_A		18/06	25/06
* Selenium <i>UNI EN 71-3:2013+A3:2018</i>		< 0.01		mg/Kg	0.01	460	0_A		18/06	25/06
* Tin <i>UNI EN 71-3:2013+A3:2018</i>		< 0.5		mg/Kg	0.5	180000	0_A		18/06	25/06
* Strontium <i>UNI EN 71-3:2013+A3:2018</i>		0.022		mg/Kg	0.01	56000	0_A		18/06	25/06



LAB N° 0069 L

pH s.r.l.

Società unipersonale soggetta al controllo e al coordinamento di TÜV SÜD AG
 - Sede legale e Laboratorio Alimenti: Via Sangallo, 29 50028 Barberino Tavarnelle (FI)
 telefono: +39 055 80961 fax: +39 055 8071099
 - Uffici e Laboratorio Ambiente: Via Bramante, 10/12 50028 Barberino Tavarnelle (FI)
 telefono: +39 055 80677 fax: +39 055 8067850
 - Laboratorio Ambiente: Z.I. Tito Scalo 85050 Tito (PZ)
 telefono: +39 0971 485795 fax: +39 0971 485795
 e-mail: info@phrsrl.it web: www.tuv.it/ph

N° 19-FC01818

Test Method	Chemical parameters	Results	unc	u.m.	LOQ	Limits	o.u.	Note	Start date	End date
* Zinc		77.8		mg/Kg	0.01	46000	0_A		18/06	25/06
* Arsenic <i>UNI EN 71-3:2013+A3:2018</i>		< 0.005		mg/Kg	0.005	47	0_A		18/06	25/06
CHLORINATED ORGANIC										
* Trichlorobenzene <i>EPA 5035A 2002 + EPA 8260D 2018</i>		< 20.0		µg/l	20.0		0_B		18/06	26/06
* Tetrachlorobenzene <i>EPA 3550C 2007 + EPA 8270E 2018</i>		< 25		µg/l	25		0_B		18/06	26/06
* Pentachlorobenzene <i>EPA 3550C 2007 + EPA 8270E 2018</i>		< 25		µg/l	25		0_B		18/06	27/06
* Hexachlorobenzene <i>EPA 3550C 2007 + EPA 8270E 2018</i>		< 25		µg/l	25		0_B		18/06	27/06
* Chlorotoluene <i>EPA 5035A 2002 + EPA 8260D 2018</i>		< 20.0		µg/l	20.0		0_B		18/06	26/06
* Dichlorobenzene <i>EPA 5035A 2002 + EPA 8260D 2018</i>		< 20.0		µg/l	20.0		0_B		18/06	26/06
FLAME RITARDANTS (The following limits set by Dir. 2014/79/UE)										
* Pentabromobiphenyl ether (sum) <i>MP/C/1329 rev 0 2019</i>		< 12.5		mg/Kg	12.5		0_A		18/06	27/06
* Decabromobiphenyl ether (sum) <i>MP/C/1329 rev 0 2019</i>		< 12.5		mg/Kg	12.5		0_A		18/06	27/06
* Pentabromobiphenyl ether (sum) <i>MP/C/1329 rev 0 2019</i>		< 12.5		mg/Kg	12.5		0_A		18/06	27/06
* Hexabromocyclododecane (HBCDD) <i>MP/C/1329 rev 0 2019</i>		< 12.5		mg/Kg	12.5		0_A		18/06	27/06
PHOSPHATE FLAME RETARDANTS										
* Tris(2-chloroethyl) phosphate (TCEP) <i>MP/C/1329 rev 0 2019</i>		< 5		mg/Kg	5		0_A		18/06	28/06
* Tri (1,3-dichloropropyl) phosphate (TDCPP) <i>MP/C/1329 rev 0 2019</i>		< 5		mg/Kg	5		0_A		18/06	28/06
* Tris(2-chloro-1-methylethyl) phosphate (TCPP) <i>MP/C/1329 rev 0 2019</i>		< 5		mg/Kg	5		0_A		18/06	28/06
Legend: unc = uncertainty; u.m. = unit of measurement; LOQ (limit of quantification); o.u. (operative unit); 0_A (test performed at o.u. Barberino Tavarnelle - FI, Sangallo street); 0_B (test performed at o.u. Barberino Tavarnelle - FI, Bramante street); II (mobile lab.); III (external analysis); LE.# (Subcontracted Test performed by a different lab.);										

Limits referred to Dir. 2009/48/CE

NOTE

For Microbiological test, the expanded uncertainty, with coverage factor of k=2, is expressed as fiducial limits at 95% probability if not indicated otherwise.
 The quantitative tests are carried out in single replica in accordance with the ISO 7218:2007/Amd 1:2013.
 For Chemical test, expanded uncertainty is referred to 95% confidence level. Coverage factor k=2.
 The limit of determination (LOD) results as 3/10LOQ if not indicated otherwise.



LAB N° 0069 L

pH s.r.l.

Società unipersonale soggetta al controllo e al coordinamento di TÜV SÜD AG
- Sede legale e Laboratorio Alimenti: Via Sangallo, 29 50028 Barberino Tavarnelle (FI)
telefono: +39 055 80961 fax: +39 055 8071099
- Uffici e Laboratorio Ambiente: Via Bramante, 10/12 50028 Barberino Tavarnelle (FI)
telefono: +39 055 80677 fax: +39 055 8067850
- Laboratorio Ambiente: Z.I. Tito Scalo 85050 Tito (PZ)
telefono: +39 0971 485795 fax: +39 0971 485795
e-mail: info@phsrl.it web: www.tuv.it/ph

N° 19-FC01818

OPINIONS AND INTERPRETATIONS: (not subject to accreditation Accredia)

Regarding the parameters analyzed, the sample complies with EN 71-3:2013+A3:2018, Migration of certain elements, Dir. 2009/48/CE

- The reported results only refer to the tested sample. Sample conditions at the arrival are recorded in the laboratory managing system.
- Food and not perishable samples are stored for 30 days from the arrival date. Water, compost and perishable samples are stored until the emission of the Test Report.
- pH is registered under number 013 on the regional list of approved laboratories for analysis in the context of self-control procedures in the food industry (LR Tuscany No. 9/09/03/2006).
- (* not accredited test by ACCREDIA)

Date, 16/07/2019



Technical Manager
Dott. Filippo Venturi

Number of documents
attached to this Test Report: 1

--- End of Test Report ---



LAB N° 0069 L

pH s.r.l.

Società unipersonale soggetta al controllo e al coordinamento di TÜV SÜD AG
- Sede legale e Laboratorio Alimenti: Via Sangallo, 29 50028 Barberino Tavarnelle (FI)
telefono: +39 055 80961 fax: +39 055 8071099
- Uffici e Laboratorio Ambiente: Via Bramante, 10/12 50028 Barberino Tavarnelle (FI)
telefono: +39 055 80677 fax: +39 055 8067850
- Laboratorio Ambiente: Z.I. Tito Scalo 85050 Tito (PZ)
telefono: +39 0971 485795 fax: +39 0971 485795
e-mail: info@phsrl.it web: www.tuv.it/ph

N° 19-FC01818

ATTACHED to the Test Report N° 19-FC01818



photo n. 1