



# Test Report

Report No. A2210080571102001E  
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**Company Name** TONGLU LEITAI BIOTECHNOLOGY CO.,LTD  
**shown on Report**

**Address** 195  
NO.195,,XIHUAN ROAD,HENG CUN VILLAGE,TONGLU

**The following sample(s) and sample information was/were submitted and identified by/on the behalf of the applicant**

**Sample Name** Prevent termites plastic additives  
LLS-17  
**Part No.** LLS-17  
2021.03.11  
**Sample Received Date** Mar. 11, 2021  
2021.03.11-2021.03.19  
**Testing Period** Mar. 11, 2021 to Mar. 19, 2021

(EC) No 1907/2006(REACH), 211  
(SVHC)  
**Test Requested** As specified by client, to screen the 211 substances of very high concern (SVHC) under Regulation(EC) No 1907/2006 of REACH in the submitted sample(s).

**Test Method/Test Result(s)** Please refer to the following page(s).

**Summary** According to the analytical results, concentrations of 211 SVHC substances are all less than 0.1%(w/w) in the submitted sample(s).

Tested by

江国栋

Reviewed by

郭世荣

Approved

张以洲

Date

2021.03.19

Technical Manager

No. R219929030



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**Test Result(s)**

Batch	No.	Substance Name(s)	CAS CAS No.	EC EC No.	Concentration (%)	Report Limit (%)
-	-	SVHC All tested SVHC (See the candidate list)	-	-	N.D.	-

**Test Method:**

US EPA 3052:1996, US EPA 3050B:1996, US EPA 3060A:1996, US EPA 3550C:2007,  
 US EPA 3540C:1996,

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**Note:**

1. SVHC SVHC SVHC SVHC  
 The table of tested result(s) only shows detected SVHC, and SVHC that below Report Limit are not reported. Please refer to the Candidate List of SVHC on next pages.
2. w/w % = weight by weight; 0.1% = 1000mg/kg = 1000ppm
3. N.D. = Not Detected (<report limit)
4. \*: Concentration value of the substance by the conversion from the test results of certain elements.  
 (TBTO) (DBTC) - (2- ) (DOTE)  
 - (2- ) (DOTE) (2- ) (MOTE) (  
 ) [ - ( )  
 - ( ) C12 ]  
 ( (TBT) (DBT) (DOT) (MOT))  
 Concentration value of Bis(tributyltin)oxide(TBTO), Dibutyltin dichloride (DBTC), 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE), Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE), Dibutylbis(pentane-2,4-dionato-O,O')tin, [Dioctyltin dilaurate, stannane, dioctyl-, bis(coco acyloxy) derivs., and any other stannane, dioctyl-, bis(fatty acyloxy) derivs. wherein C12 is the predominant carbon number of the fatty acyloxy moiety] by the conversion from the test results of certain compounds(Tributyl Tins(TBT), Dibutyl Tins(DBT), Dioctyl Tins(DOT), Monoctyl Tins(MOT)).
5. \*\*: CLP (EC)No 1272/2008 VI  
 650-017-00-8 All refractory ceramic fibres are covered by index number 650-017-00-8 in Annex VI of the Regulation on Classification, Labeling and Packaging of chemical substances and mixtures, the so called CLP Regulation(Regulation (EC) No 1272/2008).
6. \*\*\*: C.I.: Colour Index
7. \*\*\*\*: Light fractions from distillation
8. \*\*\*\*\*:  
 ;  
 ;  
 ;  
 ;  
 Concentration value of Disodium tetraborate, anhydrous and Tetraboron disodium heptaoxide, hydrate is evaluated by Disodium tetraborate, with no consider of the hydrate. Concentration value of Sodium perborate; perboric acid, sodium salt; Sodium peroxometaborate is evaluated by Sodium perborate, with no consider of the hydrate.
9. : (2,4- 4,4'- 2,2- )  
 Concentration value of Formaldehyde, oligomeric reaction products with aniline by the conversion from the test results of certain compounds (2,4-Diaminodiphenylmethane, 4,4'- Diaminodiphenylmethane, 2,2-Diaminodiphenylmethane).

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10. : UVCB ( )

0.1% w/w

MSDS

In view of the substances are established as UVCB substances(substances of unknown or variable composition, complex reaction products or biological materials) consisting of different and variable constituents, the test results are calculated based on the main constituents of the representative compounds for substances. When the content of the representative substances is equal to or higher than 0.1% (w/w), the presence of the substance in the sample need to be further confirmed by checking MSDS or requesting from suppliers.

11. :

In view of the substance contain variable substances, the test results are calculated based on main constituents of the representative compounds for the substances, and the test results of the representative compounds are calculated based on the result of specified heavy metal elements.

**Remark:**

The testing data and result(s) in this report is(are) just for scientific research, education, internal quality control and product development etc.

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## SVHC Candidate List of SVHC

Batch	No.	Substance Name(s)	CAS CAS No.	EC EC No.	Report Limit (%)
I	1	Anthracene	120-12-7	204-371-1	0.005
I	2	4,4'- 4,4'- Diaminodiphenylmethane	101-77-9	202-974-4	0.005
I	3	Dibutyl phthalate(DBP)	84-74-2	201-557-4	0.005
I	4	Cobalt dichloride*	7646-79-9	231-589-4	0.01
I	5	Diarsenic pentaoxide*	1303-28-2	215-116-9	0.01
I	6	Diarsenic trioxide*	1327-53-3	215-481-4	0.01
I	7	Sodium dichromate*	7789-12-0 10588-01-9	234-190-3	0.01
I	8	5-tert-butyl-2,4,6-trinitro-m-xylene (Musk xylene)	81-15-2	201-329-4	0.005
I	9	(2- ) Bis(2-ethyl(hexyl)phthalate) (DEHP)	117-81-7	204-211-0	0.005
I	10	Hexabromocyclododecane (HBCDD)	25637-99-4 3194-55-6 (134237-50-6) (134237-51-7) (134237-52-8)	247-148-4 221-695-9	0.005
I	11	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins) (SCCPs)	85535-84-8	287-476-5	0.01
I	12	Bis(tributyltin) oxide (TBTO)*	56-35-9	200-268-0	0.005
I	13	Lead hydrogen arsenate*	7784-40-9	232-064-2	0.01
I	14	Benzyl butyl phthalate(BBP)	85-68-7	201-622-7	0.005
I	15	Triethyl arsenate*	15606-95-8	427-700-2	0.01
II	16	Anthracene oil	90640-80-5	292-602-7	0.05

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Batch	No.	Substance	EC No.	Limit
II		lights ****	5-278-5	0.05
		Anthracene oil, anthracene paste, anthracene fraction	91995-2-1	0.05
		Anthracene oil, anthracene-low	90640-82-7	0.05
		Anthracene oil, anthracene paste	90640-81-6	0.05
II	21	Pitch, coal tar, high-temp.	65996-93-2	
II	22	Acrylamide	79-06-1	
II	23	2,4-dinitrotoluene	121-14-9	
II	24	Diisobutyl phthalate (DIBP)	84-63-2	
II	25	Lead chromate	1-846-0	0.05
II	26			

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Batch	No.	Substance Name(s)	CAS CAS No.	EC EC No.	Report Limit (%)
III	34	Potassium chromate*	7789-00-6	232-140-5	0.01
III	35	Ammonium dichromate*	7789-09-5	232-143-1	0.01
III	36	Potassium dichromate*	7778-50-9	231-906-6	0.01
IV	37	Cobalt( ) sulphate*	10124-43-3	233-334-2	0.01
IV	38	Cobalt( ) dinitrate*	10141-05-6	233-402-1	0.01
IV	39	Cobalt( ) carbonate*	513-79-1	208-169-4	0.01
IV	40	Cobalt( ) diacetate*	71-48-7	200-755-8	0.01
IV	41	2-methoxyethanol	109-86-4	203-713-7	0.005
IV	42	2-ethoxyethanol	110-80-5	203-804-1	0.005
IV	43	Chromium trioxide*	1333-82-0	215-607-8	0.01
IV	44	Acids generated from chromium trioxide and their oligomers: Chromic acid, Dichromic acid, Oligomers of chromic acid and dichromic acid*	7738-94-5 13530-68-2	231-801-5 236-881-5	0.01
V	45	2-ethoxyethyl acetate	111-15-9	203-839-2	0.01
V	46	Strontium chromate*	7789-06-2	232-142-6	0.01
V	47	1,2- - (C7-11 ) ( ) 1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4	271-084-6	0.01
V	48	Hydrazine	7803-57-8 302-01-2	206-114-9	0.01
V	49	N- 1-methyl-2-pyrrolidone (NMP)	872-50-4	212-828-1	0.01
V	50	1 2 3- 1,2,3-trichloropropane	96-18-4	202-486-1	0.01
V	51	C6-8 C7 1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6	276-158-1	0.01
VI	52	Dichromium tris(chromate)*	24613-89-6	246-356-2	0.01
VI	53	Potassium hydroxyoctaoxidizincatedichromate*	11103-86-9	234-329-8	0.01
VI	54	Pentazinc chromate octahydroxide*	49663-84-5	256-418-0	0.01

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Batch	No.	Substance Name(s)	CAS CAS No.	EC EC No.	Report Limit (%)
VI	55	Aluminosilicate Refractory Ceramic Fibres (RCF) **	-	-	0.05
VI	56	Zirconia Aluminosilicate Refractory Ceramic Fibres (Zr-RCF) **	-	-	0.05
VI	57	Formaldehyde, oligomeric reaction products with aniline	25214-70-4	500-036-1	0.01
VI	58	Bis(2-methoxyethyl) phthalate	117-82-8	204-212-6	



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Batch	No.	Substance Name(s)	CAS CAS No.	EC EC No.	Report Limit (%)
VII	83	C.I. 4 , -Bis[4-(dimethylamino) phenyl]-4(phenylamino) naphthalene-1-methanol (C.I. Solvent Blue 4)***	6786-83-0	229-851-8	0.01
VII	84	, - [( ) ]-4- 4,4'-bis(dimethylamino)- 4''-(methylamino)trityl alcohol	561-41-1	209-218-2	0.01
VIII	85	Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	1163-19-5	214-604-9	0.05
VIII	86	4- 9 UVCB 4-Nonylphenol, branched and linear [ <i>substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof</i> ]	-	-	0.05
VIII	87	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))(ADCA)	123-77-3	204-650-8	0.05
VIII	88	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [ <i>covering well-defined substances and UVCB substances, polymers and homologues</i> ]	-	-	0.05
VIII	89	Henicosaflluoroundecanoic acid	2058-94-8	218-165-4	0.05
VIII	90	Pentacosaflluorotridecanoic acid	72629-94-8	276-745-2	0.05

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Batch	No.	Substance Name(s)	CAS CAS No.	EC EC No.	Report Limit (%)
VIII	91	Cyclohexane-1,2-dicarboxylic anhydride, cis-cyclohexane-1,2-dicarboxylic anhydride, trans-cyclohexane-1,2-dicarboxylic anhydride	85-42-7 13149-00-3 14166-21-3	201-604-9 236-086-3 238-009-9	0.05
VIII	92	Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride	25550-51-0 19438-60-9 48122-14-1 57110-29-9	247-094-1 243-072-0 256-356-4 260-566-1	0.05
VIII	93	Heptacosfluorotetradecanoic acid	376-06-7	206-803-4	0.05

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Batch	No.	Substance Name(s)	CAS CAS No.	EC EC No.	Report Limit (%)
VIII	122	<i>o</i> -Toluidine	95-53-4	202-429-0	0.05
VIII	123	<i>o</i> -aminoazotoluene	97-56-3	202-591-2	0.05
VIII	124	4- 4-aminoazobenzene	60-09-3	200-453-6	0.05
VIII	125	6- - 6-methoxy- <i>m</i> -toluidine ( <i>p</i> -cresidine)	120-71-8	204-419-1	0.05
VIII	126	Dibutyltin dichloride (DBTC)*	683-18-1	211-670-0	0.05
VIII	127	Lead titanium zirconium oxide*	12626-81-2	235-727-4	0.01
VIII	128	Methyloxirane (Propylene oxide)	75-56-9	200-879-2	0.05
VIII	129	1-BNF4-I 1-bromopropane (n-propyl bromide)	106-94-5	203-445-0	0.05



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Batch	No.	Substance Name(s)	CAS CAS No.	EC EC No.	Report Limit (%)
XI	152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	271-093-5	0.01
XI	153	Cadmium chloride *	10108-64-2	233-296-7	0.01
XI	154	Sodium perborate; perboric acid, sodium salt *****	15120-21-5 11138-47-9	239-172-9 234-390-0	0.01
XI	155	Sodium peroxometaborate *****	7632-04-4	231-556-4	0.01
XII	156	2-(2H-1,2,4-triazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	247-384-8	0.01
XII	157	2-(2,4,6-tris(tert-butyl)phenyl)-1,2,4-triazole (UV-320)	3846-71-7	223-346-6	0.01
XII	158	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)*	15571-58-1	239-622-4	0.05
XII	159	Cadmium fluoride*	7790-79-6	232-222-0	0.01
XII	160	Cadmium sulphate*	10124-36-4 31119-53-6	233-331-6	0.01
XII	161	(DOTE) (MOTE) Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)*	-	-	0.05

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Batch	No.	Substance Name(s)	CAS CAS No.	EC EC No.	Report Limit (%)
XIII	162	1,2- , -C6-10- 1,2- 0.3% (EC No. 201-559-5) 1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2- benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with 0.3% of dihexyl phthalate (EC No. 201- 559-5)	68515-51-5 68648-93-1	271-094-0 272-013-1	0.05
XIII	163	5- -2-(2,4- -3- -1- )-5- -1,3- [1] 5- -2-(4,6- -3- -1- )-5- -1,3- [2] [ [1] [2] ] 5-sec-butyl-2-(2,4- dimethylcyclohex-3-en- 1-yl)-5- methyl-1,3-dioxane [1], 5-sec- butyl- 2-(4,6-dimethylcyclohex- 3-en-1-yl)-5-methyl-1,3- dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	-	-	0.05
XIV	164	Nitrobenzene	98-95-3	202-716-0	0.01
XIV	165	2,4- - -6-(5- -2H- -2- ) 2,4-di-tert-butyl-6-(5- chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	223-383-8	0.01
XIV	166	2-(2'- -3'- -5'- ) 2-(2H-benzotriazol-2-yl)- 4-(tert-butyl)-6-(sec-butyl) phenol (UV-350)	36437-37-3	253-037-1	0.01
XIV	167	1,3- 1,3-propanesultone	1120-71-4	214-317-9	0.01
XIV	168	Perfluorononan-1-oic-acid and its sodium and ammonium salts	375-95-1 21049-39-8 4149-60-4	206-801-3 - -	0.01
XV	169	(a) Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8	200-028-5	0.01



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Batch	No.	Substance Name(s)	CAS CAS No.	EC EC No.	Report Limit (%)
XVI	170	A 4,4'-isopropylidenediphenol (bisphenol A) (BPA) (PFDA)	80-05-7	201-245-8	0.01
XVI	171	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts			



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XX	197	1,7,7-3-( ) [2,2,1] -2- 1,7,7-trimethyl-3-(phenylmethylene) bicyclo[2.2.1]heptan-2-one (3-benzylidene camphor) (3-BC)	15087-24-8	239-139-9	0.01
XXI	198	2,3,3,3-2-( ) (HFPO-DA) 2,3,3,3-tetrafluoro-2- (heptafluoropropoxy) propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations thereof)	-	-	0.01
XXI	199	2-methoxyethyl acetate	110-49-6	203-772-9	0.01
XXI	200	4- 4-tert-butylphenol	98-54-4	202-679-0	0.01
XXI	201	( ) (TNPP) 4- ( ) (4-NP) 0.1 % Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	-	-	0.01
XXII	202	2-2-1- (4- ) 2-benzyl-2-dimethylamino-4'- morpholinobutyrophenone	119313-12-1	404-360-3	0.01
XXII	203	2-1-(4- )-2- -1- 2-methyl-1-(4-methylthiophenyl)-2- morpholinopropan-1-one	71868-10-5	400-600-6	0.01
XXII	204	Diisohexyl phthalate (PFBS)	71850-09-4	276-090-2	0.01
XXII	205	Perfluorobutane sulfonic acid (PFBS) and its salts	-	-	0.01
XXIII	206	1- 1-vinylimidazole	1072-63-5	214-012-0	0.01

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XXIII	207	2- 2-methylimidazole	693-98-1	211-765-7	0.01
XXIII	208	Butyl 4-hydroxybenzoate	94-26-8	202-318-7	0.01

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## Appendix:

1. REACH 1907/2006 33  
 0.1%

Any supplier of an article containing a substance that is included in the Candidate List in a concentration above 0.1 % weight by weight (w/w) has the duty to communicate information in accordance with Article 33 of European Union regulation concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH).

1)

Any supplier shall provide the recipient of the article with sufficient information to allow safe use of the article including, as a minimum, the name of that substance.

2) 45

On request by a consumer any supplier shall provide the consumer with sufficient information to allow safe use of the article including, as a minimum, the name of that substance within 45 days of receipt of the request, free of charge.

2. REACH 1907/2006 31 2

The supplier of a substance that is included in the Candidate List on their own shall provide the recipient of the substance with a safety data sheet for free compiled in accordance with Article 3 and Annex II of REACH.

3. REACH 1907/2006 31 32 2

The supplier of a mixture that containing a substance that is included in the Candidate List shall exchange information in accordance with Article 31, Article 32, and Annex II of REACH.

1) 1999/45/EC Any  
 supplier shall provide the recipient of the mixture with a safety data sheet for free where a preparation meets the criteria for classification as dangerous in accordance with Directives 1999/45/EC.

2) 1999/45/EC  
 0.1% 0.2%

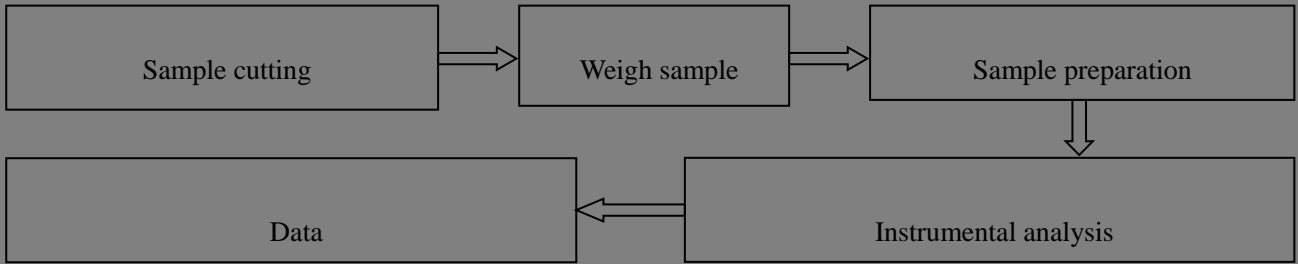
Any supplier shall provide the recipient of the mixture with a safety data sheet for free where a preparation does not meet the criteria for classification as dangerous in accordance with Directive 1999/45/EC, but contains any substance that is included in the Candidate List in an individual concentration of 0.1 % by weight for non-gaseous mixtures or 0.2 % by volume for gaseous mixtures.

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## Photo(s) of the sample(s)

### Statement

1. “ ”

This report is considered invalid without approved signature, special seal and the seal on the perforation;

2. CTI

The Company Name shown on Report and Address, the sample(s) and sample information was/were provided by the applicant who should be responsible for the authenticity which CTI hasn't verified;

3.

The result(s) shown in this report refer(s) only to the sample(s) tested;

4. CTI

Without written approval of CTI, this report can't be reproduced except in full;

5.

In case of any discrepancy between the English version and