

測試報告

Test Report

號碼(No.) : CT/2019/80575

日期(Date) : 2019/09/04

頁數(Page) : 1 of 5

樂緹股份有限公司

LASTIC INC.

台北市信義區基隆路一段176號5樓之1

5F. -1, NO. 176, SEC. 1, KEELUNG RD., XINYI DIST., TAIPEI CITY 110, TAIWAN (R.O.C.)

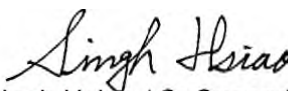
以下測試樣品係由申請廠商所提供及確認 (The following sample(s) was/were submitted and identified by/on behalf of the applicant as) :

送樣廠商(Sample Submitted By) : 樂緹股份有限公司 (LASTIC INC.)
樣品名稱(Sample Description) : BIODEGRADABLE PLANT FIBER TABLEWARE (可分解植物纖維餐具)
樣品材質(Sample Material) : 植物纖維+澱粉
原產國(Country of Origin) : 台灣 (TAIWAN)
收件日期(Sample Receiving Date) : 2019/08/15
測試期間(Testing Period) : 2019/08/15 TO 2019/09/04

測試需求(Test Requested) :

依據客戶指定，參考德國於2005年9月1日公告的食品、日用品及飼料法(LFGB)第30條與第31條及其修訂案。測試項目請參閱測試結果表格。/ As specified by client, with reference to German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with amendments. Please refer to result table for testing item(s).

測試結果(Test Results) : 請參閱下一頁 (Please refer to following pages).


Singh Hsiao / Sr. Supervisor
Signed for and behalf of
SGS TAIWAN LTD.
Chemical Laboratory - Taipei



This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Termse-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of client's instruction, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced, except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

測試報告

號碼(No.) : CT/2019/80575

日期(Date) : 2019/09/04

頁數(Page) : 2 of 5

Test Report

樂緹股份有限公司

LASTIC INC.

台北市信義區基隆路一段176號5樓之1

5F. -1, NO. 176, SEC. 1, KEELUNG RD., XINYI DIST., TAIPEI CITY 110, TAIWAN (R.O.C.)

測試結果(Test Results)

測試部位(PART NAME) No.1 : 淡棕色叉子 (LT. BROWN FORK)

通過(PASS)

測試項目 (Test Item)	單位 (Unit)	測試方法 (Method)	MDL	結果 (Result)	限值 (Limit)
				No. 1	
砷 / Arsenic content (As)	mg/kg	樣品以微波消化法處理後，以ICP-OES分析。 / Microwave Digestion. Analysis was performed by ICP-OES.	2	n. d.	Absent
五氯酚 / PCP (Pentachlorophenol) (CAS No. : 87-86-5)	mg/kg	參考LFGB §64 BVL B 82.02.8 (2001)，以氣 相層析儀/質譜儀檢測。 / With reference to LFGB §64 BVL B 82.02.8 (2001). Analysis was performed by GC/MS.	0.05	n. d.	0.15
甲醛特定遷移 (3%醋酸) / Specific migration of Formaldehyde (3% acetic acid)	mg/kg	參考EN 13130-1 (2004)，以UV-VIS分光光度 儀分析。 / With reference to EN 13130-1 (2004). Analysis was performed by UV- VIS spectrometer. (3%醋酸 / 3% acetic acid, 70°C, 2 hr)	0.1	0.281	15 (□ 1)
感官測試 (氣味) / Sensorial examination odour	-	參考DIN 10955 (2004)。 / With reference to DIN 10955 (2004).	-	0.0	2.5
感官測試 (味道) / Sensorial examination taste	-		-	0.0	2.5
農藥殘留含量 / Pesticides (specify detected pesticide)	-	參考US EPA Method 8081B, 3620B, 3630C, 以GC-MS, GC-ECD, GC-NPD及HPLC-DAD-MSD檢 測。 / With reference to US EPA Method 8081B, 3620B, 3630C. Analysis was performed by GC-MS, GC-ECD, GC-NPD and HPLC-DAD-MSD.	-	n. d.	Absent (▲)

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Termse-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of client's instruction, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced, except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

測試報告

號碼(No.) : CT/2019/80575

日期(Date) : 2019/09/04

頁數(Page) : 3 of 5

Test Report

樂緹股份有限公司

LASTIC INC.

台北市信義區基隆路一段176號5樓之1

5F. -1, NO. 176, SEC. 1, KEELUNG RD., XINYI DIST., TAIPEI CITY 110, TAIWAN (R.O.C.)

Remark :

- (1) : 限值是依據Commission Regulation 2011年1月14日(EU) No 10/2011及其修正案. / Limit is according to Commission Regulation (EU) No 10/2011 of 14 January 2011 with amendments.
- 感官測試之測試條件(Test condition for Sensorial examination) : 70°C, 1hr, 黃瓜 / Cucumber
 - 0 - 沒有明顯差異 / no perceptible difference
 - 1 - 淺顯的差異 / just perceptible difference
 - 2 - 略有差異 / slight difference
 - 3 - 顯著的差異 / marked difference
 - 4 - 極大的差異 / strong difference

備註(Note) :

1. mg/kg = ppm ; 0.1wt% = 1000ppm
2. MDL = Method Detection Limit (方法偵測極限值)
3. n. d. = Not Detected (未檢出) = 小於 (less than) MDL
4. "-" = Not Regulated (無規格值)
5. °C = degree Celsius / 攝氏溫度
6. 測試條件及模擬液是由客戶指定 (Test condition & simulant were specified by client).

測試報告

號碼(No.) : CT/2019/80575

日期(Date) : 2019/09/04

頁數(Page) : 4 of 5

Test Report

樂緹股份有限公司

LASTIC INC.

台北市信義區基隆路一段176號5樓之1

5F. -1, NO. 176, SEC. 1, KEELUNG RD., XINYI DIST., TAIPEI CITY 110, TAIWAN (R.O.C.)

(▲) 農藥殘留清單及對應的限值 / List of Pesticides with Detection Limits.

<u>Pesticide</u>	<u>CAS No.</u>	<u>Detection Limit (mg/kg)</u>	<u>Pesticide</u>	<u>CAS No.</u>	<u>Detection Limit (mg/kg)</u>
Azinophosmethyl	86-50-0	0.05	Hexachlorobenzene	118-74-1	0.05
Azinophosethyl	2642-71-9	0.05	a-Hexachlorocyclohexane	319-84-6	0.05
Aldrine	309-00-2	0.05	β-Hexachlorocyclohexane	319-85-7	0.05
Bromophos-ethyl	4824-78-6	0.05	δ-Hexachlorocyclohexane	319-86-8	0.05
Carbaryl	63-25-2	0.2	Lindane (γ-HCH)	58-89-9	0.05
Chlordane	57-74-9	0.2	Malathion	121-75-5	0.2
Chlordimeform	6164-98-3	0.5	Metamidophos	10265-92-6	0.2
Coumaphos	56-72-4	0.05	Methoxychlor	72-43-5	0.05
Cyfluthrin	68359-37-5	0.2	Mirex	2385-85-5	0.05
Cyhalothrin	91465-08-6	0.05	Monocrotophos	6923-22-4	0.2
Cypermethrin	52315-07-8	0.05	Parathion	56-38-2	0.05
DEF	78-48-8	0.2	Parathion-methyl	298-00-0	0.2
Deltamethrin	52918-63-5	0.05	Propethamphos	31218-83-4	0.5
2,4'-DDD	53-19-0	0.05	Profenophos	41198-08-7	0.05
4,4'-DDD	72-54-8	0.05	Quinalphos	13593-03-8	0.2
2,4'-DDE	3424-82-6	0.05	Toxaphen (Camphechlor)	8001-35-2	0.2
4,4'-DDE	72-55-9	0.05	Trifluralin	1582-09-8	0.2
4,4'-DDT	50-29-3	0.05	2,4,5-T	93-76-5	0.5
2,4'-DDT	789-02-6	0.05	2,4-D	94-75-7	0.5
Diazinon	333-41-5	0.2	Captafol	2425-06-1	0.05
Dicrotophos	141-66-2	0.2	Chlorfenvinphos	470-90-6	0.05
Dieldrine	60-57-1	0.05	Dichlorprop	120-36-5	0.5
Dimethoate	60-51-5	0.05	Dinoseb and salts	88-85-7	0.5
a-Endosulfan	959-98-8	0.05	MCPA	94-74-6	0.5
β-Endosulfan	33213-65-9	0.05	MCPB	94-81-5	0.5
Endrine	72-20-8	0.05	Mecoprop	93-65-2	0.5
Esfenvalerat	66230-04-4	0.05	Phosdrin / Mevinphos	7786-34-7	0.5
Fenvalerate	51630-58-1	0.05	Perthane	72-56-0	0.2
Heptachlor	76-44-8	0.05	Strobane	8001-50-1	0.2
Heptachlorepoxyde	1024-57-3	0.05	Telodrine	297-78-9	0.2
Isodrine	465-73-6	0.2	TeCP	935-95-5	0.05
Kelevane	4234-79-1	0.2			
Kepone	143-50-0	0.2			

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Termse-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of client's instruction, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced, except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

測試報告

Test Report

號碼(No.) : CT/2019/80575

日期(Date) : 2019/09/04

頁數(Page) : 5 of 5

樂纒股份有限公司

LASTIC INC.

台北市信義區基隆路一段176號5樓之1

5F. -1, NO. 176, SEC. 1, KEELUNG RD., XINYI DIST., TAIPEI CITY 110, TAIWAN (R.O.C.)

* 照片中如有箭頭標示，則表示為實際檢測之樣品/部位。
(The tested sample / part is marked by an arrow if it's shown on the photo.)

CT/2019/80575



** 報告結尾 (End of Report) **

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Termse-Document.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of client's instruction, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced, except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.