

測試報告 Test Report

號碼(No.) : CT/2018/61112A 日期(Date) : 2018/07/23 頁數(Page) : 1 of 6



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) :
樣品名稱(Sample Description) : BIODEGRADABLE BAMBOO FIBER STRAW (可分解竹纖維吸管)
樣品材質(Sample Material) : 竹纖維+澱粉 (BAMBOO FIBER+STARCH)
收件日期(Sample Receiving Date) : 2018/06/27
測試期間(Testing Period) : 2018/06/27 TO 2018/07/12

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 / Supervisor
Signed for and on behalf of
SGS TAIWAN LTD.
Chemical Laboratory - Taipei



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測試報告 Test Report

號碼(No.) : CT/2018/61112A

日期(Date) : 2018/07/23 頁數(Page) : 2 of 6



測試結果(Test Results)

測試部位(PART NAME) No.1 : 淺棕色吸管 (LT. BROWN STRAW)

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 (Specific Migration of Formaldehyde)	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, 60°C, 10 days)	0.1	0.304	15 (□ 1)
農藥殘留含量 / Pesticides	mg/kg	參考US EPA 方法 8081B, 3620B, 3630C, 以GC MS, GC ECD, GC NPД & HPLC DAD MSD檢測。 / With reference to US EPA Method 8081B, 3620B, 3630C. Analysis was performed by GC MS, GC ECD, GC NPД & HPLC DAD MSD.	-	n. d.	Absent ▲
感官測試 (氣味) / Sensorial examination odour	-	參考DIN 10955 (2004) / With reference to DIN 10955 (2004).	-	1.0	2.5
感官測試 (味道) / Sensorial examination taste	-		-	1.0	2.5

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測試報告 Test Report

號碼(No.) : CT/2018/61112A

日期(Date) : 2018/07/23

頁數(Page) : 3 of 6



Remark :

- (1) : 限值是根據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) : 40°C, 2 hrs ,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

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測試報告 Test Report

號碼(No.) : CT/2018/61112A

日期(Date) : 2018/07/23 頁數(Page) : 4 of 6



▲ 農藥殘留清單及對應的檢測限值 / List of Pesticides with Detection Limits.

Annex I: List of Pesticides with Detection Limits					
Pesticide	CAS No.	Detection Limit	Pesticide	CAS No.	Detection Limit
		(mg/kg)			(mg/kg)
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			

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測試報告 Test Report

號碼(No.) : CT/2018/61112A

日期(Date) : 2018/07/23 頁數(Page) : 5 of 6



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).
7. 此份報告取代CT/2018/61112報告。(This report supersedes the previous document bearing the test report number CT/2018/61112.)

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測試報告 Test Report

號碼(No.) : CT/2018/61112A

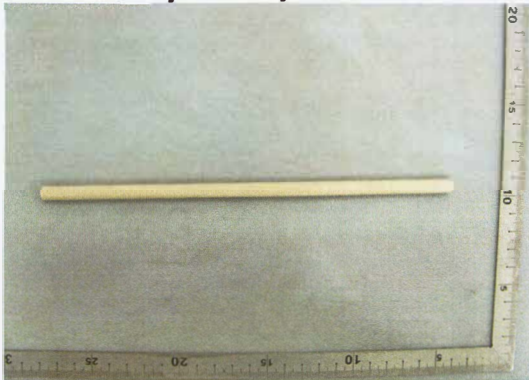
日期(Date) : 2018/07/23

頁數(Page) : 6 of 6



* 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/2018/61112



** 報告結尾 (End of Report) **

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