

Company name:

ICP Test Report Certification Packet

Littelfuse, Inc.

Product Series:	Clip				
Product #:	51900001009 series				
Issue Date:	September 14, 2010				
It is hereby certified by Littelfuse, Inc. that there is neither RoHS (EU Directive 2002/95/EC)-restricted substance nor such use, for materials to be used for unit parts, for packing/packaging materials, and for additives and the like in the manufacturing processes. In addition, it is hereby reported to you that the parts and sub-materials, the materials to be used for unit parts, the packing/packaging materials, and the additives and the like in the manufacturing processes, are all composed of the following components.					
	Issued by: KRISTEEN BACILA				
(1) Parts, sub-materials a This document cove manufactured by Li	ers the 51900001009 series series RoHS-Compliant series products				
< Raw Materials U Please see Tab					
(2) The ICP data on all r	neasurable substances ropriate pages as identifed in Table 1				
Remarks:					



Table 1: List of Raw Materials covered by this report

Total Parts	Raw Material Part Number	Raw Material Description	Page(s)
1	C5191	PH	3-10
2	NA	Tin Plating	11-13





就稿(No.): CE/2010/13746A 日期(Date) v 3010/01/26 百数(Page): 1 of 8

المناسبة المالية

以下阅数据品保由客户选辙、具由客户是精整程客户电影如下 (The following samples was/were submitted and identified by/on behalf of the client and

株品名稱(Sample Description)

: 44

樣品型號(Style/Item No.) 軟件口期(Sample Receiving 例試期間(Testing Period) : C5191 (PRP)

94 H D M (Sample Receiving Date) ; 2010/1/19

: 2010/1/19 TO 2010/01/28

CONSTRUCTION OF CONTRACT CONTR

耐放效果(Test Results)

: 靖見下一頁 (Please refer to next pagen).

Mi (Conclusion)

i 根據客戶所提供的模品,其稿、商、汞、六情格、多溴霉氧及多溴噻氢酸的 测試數果符合RollS(2002/95/BC)及其修定指令之类束 (Beace apon the performed tests by authorited samples, the test results of Cadalus, Lead, Norcusy, Bexavalent Chromina Cr(VI), PBBs and PBDEs comply with the limits of RollS Directive 2002/95/BC and its subsequent assendments).

Cherryu Kung / Operation Manager Signed for and on behalf of SGS TAIWAN LTD. Chemical Laboratory – Taipel

Urbana columnists exceed the recents of commits affect one region when early to the sampless tested. This test report common he reproduced, except in help not have prime written particular of the Computer tested 1 1994 · 元初年 1994

This Top Report is haswell by the Company water in Fermand Contribution of Sorticis pletted worked or everlabilities an excellabilities in Explaint and accessible or in Explaint and Explaint Internation and Explaint pletted than the Sorticis Annual Profession and the Committee of Sorticis Annual Profession and Annual Profession

Marker of the SCS Group (SCS SA)





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GREAT PROPERTY.

对放除来(Test Results)

测试单位(PART NAME) NO.1

· 何色金屬片 (COPPER CO)LORED METAL SHEET)

对抗项目 (Test Items)	単位 (Unit)	測度方法 (Method)	方法债制 延限值 (MDL)	特果 (Result) NO.1	法规 作值 (Linit)
藩 / Curbnison (CA)	mg/kg	多考18C 62221: 2008 - Clausa 9 方法。 用感應核含電影原子發射 光譜域機制場合量。/ With Taleranca 10 PEC 62321: 2008 - Clausa 9. Determination of Undarrum by ICP-AES.	2	n.d.	100
(S / Lead (Ph)	eq;/kg	参考18C 62921: 2008 - Clause 9 方法。用島應縣合實票等子會射 此時候檢測給含量。/ With reference to IEC 62321: 2008 - Clause S. Determination of Lead by ICP-AES.	2	13	1000
R / Mercury (Hg)	ng/kg	李考18C 63321: 2008 - Clause 7 方法、用感感精令重要原于香制 光谱模构测示 8重. / With ruference to IEC 62321: 2008 - Clause 7. Detaratation of Managery by ICP-ASS.	2	a.d.	1000
六保格 / Maxavulest Chromium Cr(VI) by Spol test / boiling water extraction	**	参考1次 62321: 2008 - Annex B 方法檢測。用Spul test / boiling water extraction方法檢 耐六債務含量。/ With reference to 1次 62321: 2008 - Annex B. Determination of Hexavalual Chrusium by Spor Lest / builing water extraction Mentud. (See Note 6)	0.02mg/kg with 50 en2 soriace area	Nogulive	

This Text Report is issued by the Concern tender its dominal Condition's of Service periods smalled or my fields on requires and according at high profession and according to the Concern tender of the Service periods of the Service and according to the Service and According to

Westernal the SOS Group OGS SA





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测试项目 (Test Itans)	早位 (Unit)	测数方法 (Method)	方法使附 極限値 (MDL)	離果 (Result) NO.I	法规 限值 (Linit)
全集中就研教 / Perfluormactanc anlianates (PFOS) PPOS — Acid PPOS — Notal Salt PPOS — Anide	mg/kg	字书US EPA 3540C: 1996方法,以 液相層析質增集檢測全數等稅項酸 含量。/ With reference to US EPA 3540C: 1996 method fav PPOS Content. Analysis was performed by LC/MS.	10	n.d.	
全義辛酸(%) / PPOA (CAS No.: ADOS35- 67-1)	ng/kg	李老US RPA 2540C: 1995方法, 以 減相層析質排像檢測全集等酸(統) 全量 - / With reference to US EPA 3540C: 1996 method tor IPTOA Content Analysis was performed by LU/MS.	10	n.d.	
多溴霉苯德和 / Sum of PBBs		李考18C 62321 : 2008 - Annex A		n.d.	1000
一溴哪苯 / Monobromobipheny)			5	n.d.	- 10
二溴肼苯 / Dibromobiphenyl			5	n.d.	- 90
三漢聯苯 / Tribromobipheny)			5	n.d.	2.
四溴醇苯 / Tetrahromobiphenyl			5	n.d.	-
五溴肼苯 / Pentabromobiphenyl			5	noil.	
六溴霉苯 / Hexabrosobiphenyl			_ 5	n.d.	
七溴霉苯 / Heptabromobiphony!			5	n.d.	
入後導掌 / Octabrasobiphenyl			5	n.d.	4
九溴硼苯 / Nonabromobiphonyl		方法, 以氣相層析像/智譜儀檢測,	5	n.d.	4.
十溴啉苯 / Decabronobipheny)	ng/kg	With reference to IEC 52321:	5	n.d.	-
亨湊森英級建和 / Sum of PBDEs	MR. KK	2008 - Annex A and performed		n.d.	1000
一溴啉苯酰 / Monubromodiphenyl ether		by GC/NS.	5	n.d.	~
二溴啉苯醚 / Dibronodiphenyl ather		ny de las	5	n.d.	. 3
三溴啉苯酰 / Tribromodiphenyl ellier			3	n.d.	*
四溴霉苯醚 / Tetrahromodiphenyl athar			5	n.d.	
五溴啉苯醚 / Pantabroundiphonyl other			5	n.d.	- 25
元漢專案醚 / Hexabramodiphenyl uther	1		- 6	n.d.	-
七溴專苯醚 / Heptabramadiphony! elber	-		5	u.d.	1.000
入決聯苯醚 / Octabronodiphenyl ether	1		5	e.d.	
九溴那苯酸 / Nonabrowodiphonyl ether	1		5	a.d.	9
十溴聯苯醚 / Decabromodiphenyl ether			5	n.d.	

This Ten Report is traced by the Company value in a General Committee of Senior potential contract complete a model in a management and accountable to this (forest special contracts), and contracts are contracted and contracts and contracts

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SECTION AND DESCRIPTION OF THE PERSON NAMED IN COLUMN TWO IN COLUMN TO THE PERSON NAMED IN COLUM

雜拉(Note):

- t. mg/kg = ppm : 0. lwt% = 1000ppm
- 2. n.d. = Not Delgerted (未檢出)
- 3. MIN. Nothed Detection Limit (方法情测極限值)
- 4. "-" = Not Regulated (無規格值)
- 5. **= Qualitative analysis (No Unit) 定性分析(無單位)
- 6. Spot test:

Negative = Absence of Cr(VI) conting / surface layer(健身中偵測不列六債務).

Positive = Presence of Cr(VI) conting / surface layer(健康中依例到六情绪);

The tunted sample should be further varified by hotling-water-vetraction method if the spat test result cannot be sunfirmed.

(書旗測項無法確認時,例試樣品可藉由boiling-water-extraction测試方法追一步確認)

Boiling water-extraction:

Negative = Absence of Cr(VI) conting / surface layer(就是中後到不到六價條).

Position = Presumee of Cr(VI) coating / surface layer(競局中值測到六價路);

the detected concentration is boiling-water-cuttaction solution is equal or greater than 0.02 mg/kg with 50 cm2 sample eartake area.

推溶液濃度≥0.02 mg/kg with 50 cm (sample surface uren)

7. # = Positive indicates the presence of Cr(VI) on the tested areas and result be regarded as not comply with RoBS requirement. (Positive& 赤刺绒医域之六情络不符合NoNS要求)
Negative indicates the absocia of Cr(VI) on the tested areas and result be regarded as comply with RoBS requirement. (Negative 表示刺绒医域之六價格符合RoBS要求)

PMOS字号章数(Reference Information): 指令 2006/122/EC (Directive 2006/122/EC)

- (1) 協物質不可運於市場上或使用於特殊物質或配置或分重量混度等於或大於0,005%.
 (Nay not be placed on the market or used as a substance or constituent of proparations in a concentration equal to or higher than 0.065 % by mass.
- (2) 該物質不可置於市場上的年成品或商品或其物件: 假签字件上明纖維具有PPOS並多照建筑上及模如規定上計算 PPOS重量重度等於成支於0.1%。而結構品或其他覆蓋物質、如果PPOS在覆蓋物質中含量等於或支於1pg/m2。 (May not be placed on the market in somi finished products or articles, or purts thereof, if the concentration of PPOS is equal to or higher then 0.1% by mass calculated with reference to the mass of structurally or microstructurally distinct parts that centein PPOS or, for lexities or other coated materials, if the amount of PPOS is equal to or higher that 1pg/m2 of the coated material.)

Under registrones stated the results shown in this sent regist risk regist risks using specific surprises between the registrones are stated to registrones the registrones to the state of the state of

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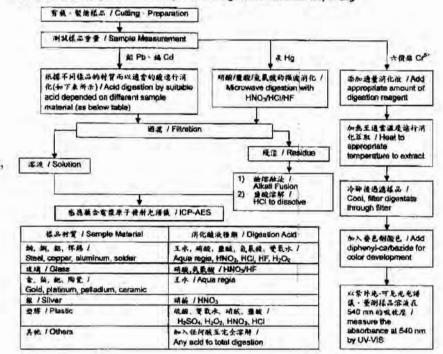




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CONTRACTOR OF THE PERSON NAMED IN COLUMN 1

- 1) 根據以下的流程圖之條件,樣品已完全溶解。(六價藝測試方法除外) / These samples were dissolved totally by pre-conditioning method according to below flow chart. (Cr^{a+} test method excluded)
- 2) 对此人员:杨佳维 / Name of the person who made measurement: Climbgreat Yang
- 3) 洲状身青人: 绿杏类 / Name of the person in charge of measurement. Troy Chang



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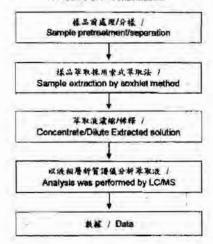
號稿(No.): CR/2010/13746A 日期(Date): 2010/01/26 页數(Page): 5 of 8

SHIP I WHEN

意式萃取(LC/MS)分析流程图 /

Analytical flow chart of Soxhlet extraction (LC/MS) procedure

- 1) 刑状人员:传科根 / Name of the person who made measurement: Lydia Fu
- 2) 测纸备素人: 性新智 / Name of the person in charge of measurement: Shiniyh Chen
- 测试项目(Test Berns): 全真辛烷磺酸/全泉辛酸(銨)、苯基三唑酮化合物 / PFOS/PFOA、Benzolriezole



United addressing all the popular thereon in this tend expect sales mady to the completely would. This loss expect contend his representation of the Company to 2 pt (1994) - pt 10 7471115(1994) - pt 10 747115(1994) - pt 10

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1. Appendix Control of Common Prices in Management of Control Control

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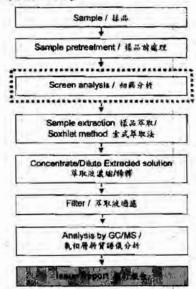
SALUTE HOLDING

多溴啉苯/多溴啉苯唑分析流程图 / PBB/PBDE analytical FLOW CHART

- 1) 网络人名: 有期期 / Name of the person who made measurement: Roman Wong
- 2) 测试负责人:除新智 / Name of the person in charge of measurement: Shinjyh Chan

被決形式程序 / First testing process _____

卷这秋序 / Confirmation process _ . - ▶



Under code-prints aspect the profits shown in this lost expansions with set expectation aspect to his profit shows printed aspect of the Companies of the Compa

This Test Trays as Assessed by the Company works in J. General Confidence of Strategy published members or medically convergent and accomplish at helipoliticismus, a constitution, and confidence in the company of the

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號碼(No.): CH/2010/13746A 日期(Date): 2010/01/26 頁数(Page): 8 of 8

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** 報告結尾(End of Report) **

Unics adoptive stated the results shown in this text report of the samples it tested. This text report cannot be repeatabled, except in full, without prior written permission of the Company. 2019 9 (1990) - 東西大阪西東西東西大大阪西東市

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检测报告

RLSZB000371440001C

▶第1页 共3页

样品信息

样品名称

品药水

样品描述

找绿色液体

样品接收日期

2009. 11. 10

样品检测日期

2009. 11. 10—2009. 11. 13

检测要求

根据客户要求,测定所提交样品中的铅(Pb),镉(Cd),汞(Rg),六价

格(Cr(VI))的含量。

1E 60 (8.30)			
测试项目	侧试方法	對试仪器	方法检测限
(小)	IEC 62321:2008 Ed. 1 Sec. 10	1CP-0ES	2 mg/kg
傷(Cd)	IEC 62321:2008 Ed. 1 Sec. 10	ICP-OES	2 mg/kg
汞(Hg)	IPC 62321:2008 Ed. 1 Sec. 7	ICP-OES	2 mg/kg
六价格(Cr(VI))	IEC 62321:2008 Ed. 1 Annex C	UV-Vis	2 mg/kg

检测结果 请参见下京





签发日期:

2009, 11, 13

No. 56654433



检测报告

报告编号 RLSZB000371440001C ▶第2页 共3页

检测结果

測试项目	含量
铝(Pb)	N. D.
锅(Cd)	N. D.
末(Hg)	N. D.
六价格(Cr(VI))	N. D.

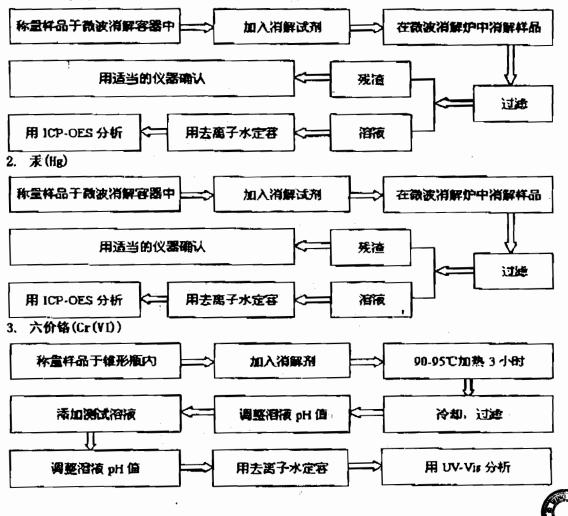
注释:

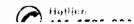
-N.D. = 未检出(小于方法检测限)

备注:

-mg/kg = ppm = 百万分之几 报告编号中 "C"发示此报告为中文版本。

检测流程 1. 铅(Pb), 镉(Cd)



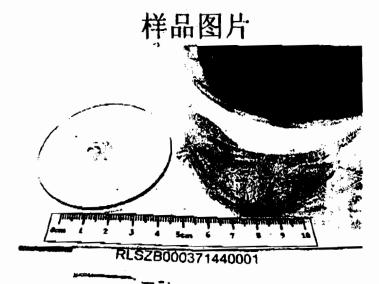




检测报告

报告编号 RLSZB00037144000.1C

●第3页 共3页





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深圳市宝安区70区湾威工业园C株

