

## 測試報告 Test Report

號碼(No.) : CY/2016/60916

日期(Date) : 2016/07/06

頁數(Page): 1 of 7

LUDAVI, INC.

13484 HOLIDAY DRIVE, SARATOGA, CA 95070, U. S. A.



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) : 路達威國際有限公司 (LUDAVI INTERNATIONAL CORP.)  
樣品名稱(Sample Description) : LUDAVI WATER BOTTLE (LUDAVI 鑽石水瓶瓶身)  
樣品材質(Sample Material) : PA  
原產國(Country of Origin) : 台灣 (TAIWAN)  
收件日期(Sample Receiving Date) : 2016/06/28  
測試期間(Testing Period) : 2016/06/28 TO 2016/07/06

=====  
測試結果(Test Results) : 請見下一頁 (Please refer to next pages).

  
Troy Chang, Manager - Tech  
Signed for and on 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-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

## Test Report

號碼(No.) : CY/2016/60916

日期(Date) : 2016/07/06

頁數(Page): 2 of 7

LUDAVI, INC.

13484 HOLIDAY DRIVE, SARATOGA, CA 95070, U. S. A.



### 測試結果(Test Results)

測試部位(PART NAME)No. 1 : 半透明藍色塑膠瓶 (TRANSLUCENT-BLUE PLASTIC BOTTLE)

測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	方法偵測 極限值 (MDL)	結果 (Result)
				No. 1
鄰苯二甲酸二丁酯 / DBP (Dibutyl phthalate) (CAS No. : 84-74-2)	%	參考EN 14372 (2004), 以氣相層析/質譜儀檢測. / With reference to EN 14372 (2004). Analysis was performed by GC/MS.	0.003	n. d.
鄰苯二甲酸丁苄甲酯 / BBP (Butyl Benzyl phthalate) (CAS No. : 85-68-7)	%	參考EN 14372 (2004), 以氣相層析/質譜儀檢測. / With reference to EN 14372 (2004). Analysis was performed by GC/MS.	0.003	n. d.
鄰苯二甲酸二(2-乙基己基)酯 / DEHP (Di-(2-ethylhexyl) phthalate) (CAS No. : 117-81-7)	%	參考EN 14372 (2004), 以氣相層析/質譜儀檢測. / With reference to EN 14372 (2004). Analysis was performed by GC/MS.	0.003	n. d.
鄰苯二甲酸二異癸酯 / DIDP (Di-isodecyl phthalate) (CAS No. : 26761-40-0; 68515-49-1)	%	參考EN 14372 (2004), 以氣相層析/質譜儀檢測. / With reference to EN 14372 (2004). Analysis was performed by GC/MS.	0.01	n. d.
鄰苯二甲酸二異壬酯 / DINP (Di-isononyl phthalate) (CAS No. : 28553-12-0; 68515-48-0)	%	參考EN 14372 (2004), 以氣相層析/質譜儀檢測. / With reference to EN 14372 (2004). Analysis was performed by GC/MS.	0.01	n. d.
鄰苯二甲酸二正辛酯 / DNOP (Di-n-octyl phthalate) (CAS No. : 117-84-0)	%	參考EN 14372 (2004), 以氣相層析/質譜儀檢測. / With reference to EN 14372 (2004). Analysis was performed by GC/MS.	0.003	n. d.
鄰苯二甲酸二異丁酯 / DIBP (Di-isobutyl phthalate) (CAS No. : 84-69-5)	%	參考EN 14372 (2004), 以氣相層析/質譜儀檢測. / With reference to EN 14372 (2004). Analysis was performed by GC/MS.	0.003	n. d.

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

# Test Report

號碼(No.) : CY/2016/60916

日期(Date) : 2016/07/06

頁數(Page): 3 of 7

LUDAVI, INC.

13484 HOLIDAY DRIVE, SARATOGA, CA 95070, U. S. A.



測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	方法偵測 極限值 (MDL)	結果 (Result)
				No. 1
鄰苯二甲酸二乙酯 / DEP (Di-ethyl phthalate) (CAS No. : 84-66-2)	%	參考EN 14372 (2004), 以氣相層析/質譜儀檢測. / With reference to EN 14372 (2004). Analysis was performed by GC/MS.	0.003	n. d.
鄰苯二甲酸二甲酯 / DMP (Di-methyl phthalate) (CAS No. : 131-11-3)	%	參考EN 14372 (2004), 以氣相層析/質譜儀檢測. / With reference to EN 14372 (2004). Analysis was performed by GC/MS.	0.003	n. d.
鄰苯二甲酸二異辛酯 / DIOP (Di-isooctyl phthalate) (CAS No. : 27554-26-3)	%	參考EN 14372 (2004), 以氣相層析/質譜儀檢測. / With reference to EN 14372 (2004). Analysis was performed by GC/MS.	0.01	n. d.
鄰苯二甲酸二丙酯 / DPrP (Di-propyl phthalate) (CAS No. : 131-16-8)	%	參考EN 14372 (2004), 以氣相層析/質譜儀檢測. / With reference to EN 14372 (2004). Analysis was performed by GC/MS.	0.003	n. d.
鄰苯二甲酸二環己酯 / DCHP (Di-cyclohexyl phthalate) (CAS No. : 84-61-7)	%	參考EN 14372 (2004), 以氣相層析/質譜儀檢測. / With reference to EN 14372 (2004). Analysis was performed by GC/MS.	0.003	n. d.
鄰苯二甲酸二正壬酯 / DNPP (Di-nonyl phthalate) (DNP) (CAS No. : 84-76-4)	%	參考EN 14372 (2004), 以氣相層析/質譜儀檢測. / With reference to EN 14372 (2004). Analysis was performed by GC/MS.	0.003	n. d.
己二酸二(2-乙基己基)酯 / DEHA (Di-2-ethylhexyl adipate) (CAS No. : 103-23-1)	%	參考EN 14372 (2004), 以氣相層析/質譜儀檢測. / With reference to EN 14372 (2004). Analysis was performed by GC/MS.	0.003	n. d.
鄰苯二甲酸二戊酯 / Di-n-pentyl phthalate (CAS No. : 131-18-0)	%	參考EN 14372 (2004), 以氣相層析/質譜儀檢測. / With reference to EN 14372 (2004). Analysis was performed by GC/MS.	0.003	n. d.

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

# Test Report

號碼(No.) : CY/2016/60916

日期(Date) : 2016/07/06

頁數(Page): 4 of 7

LUDAVI, INC.

13484 HOLIDAY DRIVE, SARATOGA, CA 95070, U. S. A.



測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	方法偵測 極限值 (MDL)	結果 (Result)
				No. 1
鄰苯二甲酸二正己酯 / DNHP (Di-n-hexyl phthalate) (CAS No. : 84-75-3)	%	參考EN 14372 (2004), 以氣相層析/質譜儀檢測. / With reference to EN 14372 (2004). Analysis was performed by GC/MS.	0.003	n. d.
鄰苯二甲酸二正庚酯 / DNHP (Di-n-heptyl phthalate) (CAS No. : 3648-21-3)	%	參考EN 14372 (2004), 以氣相層析/質譜儀檢測. / With reference to EN 14372 (2004). Analysis was performed by GC/MS.	0.003	n. d.
鄰苯二甲酸十一十二烷基酯 / UDP (undecyl dodecyl phthalate) (CAS No. : 68515-47-9)	%	參考EN 14372 (2004), 以氣相層析/質譜儀檢測. / With reference to EN 14372 (2004). Analysis was performed by GC/MS.	0.025	n. d.
鄰苯二甲酸雙十一烷基酯 / DUP (Di-undecyl phthalate) (CAS No. : 3648-20-2)	%	參考EN 14372 (2004), 以氣相層析/質譜儀檢測. / With reference to EN 14372 (2004). Analysis was performed by GC/MS.	0.01	n. d.
鄰苯二甲酸二(2-丙基庚)酯 / DPHP (Di-propylheptyl phthalate) (CAS No. : 53306-54-0)	%	參考EN 14372 (2004), 以氣相層析/質譜儀檢測. / With reference to EN 14372 (2004). Analysis was performed by GC/MS.	0.003	n. d.
鄰苯二甲酸二(2-正丁氧基乙基)酯 / DBEP (bis(2-n-Butoxyethyl)phthalate) (CAS No. : 117-83-9)	%	參考EN 14372 (2004), 以氣相層析/質譜儀檢測. / With reference to EN 14372 (2004). Analysis was performed by GC/MS.	0.003	n. d.
鄰苯二甲酸二(2-乙氧基乙基)酯 / DEEP (bis(2-Ethoxyethyl)phthalate) (CAS No. : 605-54-9)	%	參考EN 14372 (2004), 以氣相層析/質譜儀檢測. / With reference to EN 14372 (2004). Analysis was performed by GC/MS.	0.003	n. d.
鄰苯二甲酸二(2-甲氧基乙基)酯 / DMEP (Bis(2-methoxyethyl) phthalate) (CAS No. : 117-82-8)	%	參考EN 14372 (2004), 以氣相層析/質譜儀檢測. / With reference to EN 14372 (2004). Analysis was performed by GC/MS.	0.003	n. d.

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

## Test Report

號碼(No.) : CY/2016/60916

日期(Date) : 2016/07/06

頁數(Page): 5 of 7

LUDAVI, INC.

13484 HOLIDAY DRIVE, SARATOGA, CA 95070, U. S. A.



測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	方法偵測 極限值 (MDL)	結果 (Result)
				No. 1
鄰苯二甲酸二(4-甲基-2-戊基)酯 / BMPP (bis(4-Methyl-2-pentyl)phthalate) (CAS No. : 146-50-9)	%	參考EN 14372 (2004), 以氣相層析/質譜儀檢測. / With reference to EN 14372 (2004). Analysis was performed by GC/MS.	0.003	n. d.
鄰苯二甲酸二甲苯酯 / DBzP (Dibenzyl phthalate) (CAS No. : 523-31-9)	%	參考EN 14372 (2004), 以氣相層析/質譜儀檢測. / With reference to EN 14372 (2004). Analysis was performed by GC/MS.	0.003	n. d.
鄰苯二甲酸二苯酯 / DPhP (Diphenyl phthalate) (CAS No. : 84-62-8)	%	參考EN 14372 (2004), 以氣相層析/質譜儀檢測. / With reference to EN 14372 (2004). Analysis was performed by GC/MS.	0.003	n. d.
鄰苯二甲酸正戊異戊酯 / NPIPP (N-pentyl-isopentyl phthalate) (CAS No. : 776297-69-9)	%	參考EN 14372 (2004), 以氣相層析/質譜儀檢測. / With reference to EN 14372 (2004). Analysis was performed by GC/MS.	0.003	n. d.
鄰苯二甲酸二異戊酯 / DIPP (Di-isopentyl phthalate) (CAS No. : 605-50-5)	%	參考EN 14372 (2004), 以氣相層析/質譜儀檢測. / With reference to EN 14372 (2004). Analysis was performed by GC/MS.	0.003	n. d.
己二酸二異壬酯 / DINA (Di-iso-nonyl adipate) (CAS No. : 33703-08-1)	%	參考EN 14372 (2004), 以氣相層析/質譜儀檢測. / With reference to EN 14372 (2004). Analysis was performed by GC/MS.	0.01	n. d.
鄰苯二甲酸二(C7-11支鏈與直鏈)烷基酯 / DHNUP (1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters) (CAS No. : 68515-42-4)	%	參考EN 14372 (2004), 以氣相層析/質譜儀檢測. / With reference to EN 14372 (2004). Analysis was performed by GC/MS.	0.01	n. d.
鄰苯二甲酸二(C6-8支鏈與直鏈)烷基酯, 富C7 / DIHP (1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich) (CAS No. : 71888-89-6)	%	參考EN 14372 (2004), 以氣相層析/質譜儀檢測. / With reference to EN 14372 (2004). Analysis was performed by GC/MS.	0.01	n. d.

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

## Test Report

號碼(No.) : CY/2016/60916

日期(Date) : 2016/07/06

頁數(Page): 6 of 7

LUDAVI, INC.

13484 HOLIDAY DRIVE, SARATOGA, CA 95070, U. S. A.



測試項目 (Test Items)	單位 (Unit)	測試方法 (Method)	方法偵測 極限值 (MDL)	結果 (Result)
				No. 1
鄰苯二甲酸二己酯(支鏈和直鏈) / 1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear (CAS No.: 68515-50-4)	%	參考EN 14372 (2004), 以氣相層析/質譜儀檢測. / With reference to EN 14372 (2004). Analysis was performed by GC/MS.	0.01	n. d.
鄰苯二甲酸二(支鏈及直鏈戊基)酯 / 1,2-Benzenedicarboxylic acid, dipentylester, branched and linear (CAS No.: 84777-06-0)	%	參考EN 14372 (2004), 以氣相層析/質譜儀檢測. / With reference to EN 14372 (2004). Analysis was performed by GC/MS.	0.003	n. d.

### 備註(Note) :

1. mg/kg = ppm ; 0.1wt% = 1000ppm
2. n. d. = Not Detected (未檢出)
3. MDL = Method Detection Limit (方法偵測極限值)



## 測試報告 Test Report

號碼(No.) : CY/2016/60916

日期(Date) : 2016/07/06

頁數(Page): 7 of 7

LUDAVI, INC.

13484 HOLIDAY DRIVE, SARATOGA, CA 95070, U. S. A.



\* 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.)

### CY/2016/60916



\*\* 報告結尾 (End of Report) \*\*