

測試報告 Test Report

報告編號(No.): HTF21C00180

報告日期(DATE): 2021/12/21

頁數(PAGE): 1 of 5

兩文堂有限公司 (UBUNDO CO .,LTD)

台北市內湖區石潭路51號9樓 (9F, NO. 51, SHITAN ROAD, NEIHU DISTRICT, TAIPEI CITY,TAIWAN)

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) :

樣品名稱(Sample Description) : STAINLESS STEEL KNIFE (不鏽鋼刀)
樣品包裝/數量(Sample Package/ Quantity) : 請參考報告末頁樣品照片 (PLEASE REFER TO THE SAMPLE PHOTO AT THE END OF THE REPORT) / -
樣品保存方式(Sample Packaging) : 常溫 (AMBIENT TEMP.)
樣品型號(Style/Item No.) : -
樣品批號(Lot. No.) : -
樣品材質(Sample Material) : 不鏽鋼 (STAINLESS STEEL)
送樣廠商(Sample Submitted By) : 兩文堂有限公司 (UBUNDO CO .,LTD)
送樣廠商地址/電話/聯絡人(Company Add/Tel/Contact Person) : 台北市內湖區石潭路51號9樓 (9F, NO. 51, SHITAN ROAD, NEIHU DISTRICT, TAIPEI CITY,TAIWAN) / - / -
製造日期(Manufacturing Date) : -
有效日期(Expiry Date) : -

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收件日(Sample Receiving Date) : 2021/12/06
測試期間(Testing Period) : 2021/12/06 to 2021/12/15

測試需求 (Test Requested) :

- (1) 依據客戶指定，參考中華民國食品器具容器包裝衛生標準 (102.08.20部授食字第1021350146號令修正) 進行測試。測試項目請參閱測試結果表格。(As specified by client, with reference to Sanitation Standard for Food Utensils, Containers and Packages (MOHW Food No. 1021350146, amended on 2013/08/20) to conduct test. Please refer to the result table(s) for testing item(s).)
- (2) 依據客戶要求進行測試，測試項目請參閱測試結果表格。(The test was specified by client, please refer to the result table(s) for testing item(s).)

測試結果(Test Results) : 請見下一頁。(Please refer to next page(s).)

蕭志祥
蕭志祥 / 副理
化學實驗室 - 台北
台灣檢驗科技股份有限公司
報告簽署人



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測試部位敘述(Test Part Description)

No.1 : 黑色金屬 (BLACK METAL)

測試結果(Test Results)

(1)

測試項目 (Test Item(s))	測試方法 (Method)	單位 (Unit)	LOQ/ LOD	結果 (Result)	食品衛 生法規 (Limit)
				No.1	
★鉛 / Lead (Pb)	重金屬檢驗方法總則(103年8月25日部授食字 1031901169號公告修正)·以酸消化後·再以感 應耦合電漿發射光譜儀分析。/ General Method of Test for Heavy Metals (MOHW Food No.1031901169 announced, August 25, 2014), analysis was performed by ICP-OES.	%	0.05	n.d.	10
★銻 / Antimony (Sb)		%	0.05	n.d.	5

(2)

測試項目 (Test Item(s))	測試方法 (Method)	單位 (Unit)	RL	結果 (Result)	規格 (Spec.)
				No.1	
化學成份 / Chemical Composition (Δ)					
碳 / Carbon (C)	參考CNS 10006 (民國73年) · / With reference to CNS 10006 (1984).	%	-	0.31	請見下 表 / Please refer to the table below.
矽 / Silicon (Si)		%	-	0.38	
錳 / Manganese (Mn)		%	-	0.62	
磷 / Phosphorus (P)		%	-	0.025	
硫 / Sulfur (S)		%	-	0.005	
鎳 / Nickel (Ni)		%	-	0.12	
鉻 / Chromium (Cr)		%	-	14.05	

* 以上測試結果 符合 CNS 8499 不銹鋼化學成份之要求如下 : / The test results meet the requirements of CNS 8499 -
Chemical Composition of Stainless Steel as follows:

參考 CNS 8499: 2016 / With reference to CNS 8499: 2016

單位(Unit): %

Type	C	Si	Mn	P	S	Ni	Cr	Mo	Cu	N	Other
420J2(▲)	0.24~0.42	≤1.05	≤1.03	≤0.045	≤0.035	≤0.63	11.85~14.15	-	-	-	-

(▲) 規格值參考 CNS 8499要求, 已加入 CNS 3158 製品分析許可差。

The requirements are with reference to CNS 8499, with the analytical tolerance of the product according to CNS 3158.

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備註(Note) :

1. 檢驗報告僅就委託者之委託事項提供檢驗結果，不對產品合法性做判斷。(The test report merely reflects the test results of the consigned matters of the client and is not a certification of the legitimacy of the related products.)
2. 本檢驗報告之所有檢驗內容，均依委託事項執行檢驗，如有不實，願意承擔完全責任。(All contents in the test report are conducted according to the customer-specified items. If there is any falsehood, we are willing to take corresponding responsibility.)
3. 本報告不得分離或擷錄使用。(The report is invalid if it is partly reproduced or used.)
4. mg/kg = ppm ; 0.1wt% = 1000 ppm
5. LOQ = 定量極限，若該測試項目屬於定量分析則以「LOQ」表示；LOD = 偵測極限，若該測試項目屬於定性分析則以「LOD」表示。(LOQ = Limit of Quantification, for quantitative analyses; LOD = Limit of Detection, for qualitative analyses.)
6. n.d. = Not Detected (未檢出) = Less than (小於) LOQ/LOD/RL
7. "-" = Not Regulated (無規格值)
8. 測試項目名稱旁有★者，為本實驗室通過衛生福利部認證項目。(The test method marked with ★ is accredited by MOHW.)
9. 法規標準值係依據衛生福利部102年08月20日部授食字第1021350146號令 食品器具容器包裝衛生標準之法規限值。(The limit value(s) is/are according to "Sanitation Standard for Food Utensils, Containers and Packages (MOHW Food No. 1021350146, amended on 2013/08/20)", Ministry of Health and Welfare of Taiwan.)
10. 此用途為自主品管報告。(This testing report is subject to independent quality control.)
11. (△): 此項目轉包予台灣檢驗科技股份有限公司材料暨工程實驗室-台北進行測試。(The testing item(s) was/were subcontracted to SGS Taiwan Ltd. Material & Engineering Laboratory – Taipei.)

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* 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.)

HTF21C00180



** 報告結尾 (End of Report) **

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以下為申請廠商委託測試項目、測試方法、定量/偵測極限：

(The information requested from client is shown as below :)

HTF21C00180

測試項目 (Test Items)	測試方法 (Method)	LOQ/LOD/RL
★鉛 / Lead (Pb)	重金屬檢驗方法總則(103年8月25日部授食字1031901169號公告修正)·以酸消化後·再以感應耦合電漿發射光譜儀分析。 / General Method of Test for Heavy Metals (MOHW Food No.1031901169 announced, August 25, 2014), analysis was performed by ICP-OES.	詳見測試結果之定量/偵測極限/報告極限值。(Please refer to the result table above.)
★銻 / Antimony (Sb)		
化學成份 / Chemical Composition (△)	參考CNS 10006 (民國73年) 。 / With reference to CNS 10006 (1984).	
碳 / Carbon (C)		
矽 / Silicon (Si)		
錳 / Manganese (Mn)		
磷 / Phosphorus (P)		
硫 / Sulfur (S)		
鎳 / Nickel (Ni)		
鉻 / Chromium (Cr)		

測試項目名稱旁有★者·為本實驗室通過衛生福利部認證項目。(The test method marked with ★ is accredited by MOHW.)