



**Test Report**

No.: HKSL1605063426TX

Date: May 09, 2016

Page 1 of 4

**HANG WAI ZIPPER FACTORY LTD  
RM. C1, BLOCK C, 3/F, EAST SUN INDUSTRIAL CENTRE,  
16 SHING YIP STREET, KWUN TONG,  
KOWLOON, HONG KONG**

**This report supersedes all previous documents bearing the test report number HKSL1604056039TX  
Dated: May 05, 2016**

The following sample was submitted and identified by the client as:

One sample of no.5 slider (in nickel free) in brass color.

Revise Reason	:	Update the company address
End Use	:	Handbag
Country Of Origin	:	China
Sample Receiving Date	:	Apr 25, 2016
Test Performing Period	:	Apr 26, 2016 – May 09, 2016
Revise Date	:	May 09, 2016
Test Performed	:	Selected test(s) as requested by applicant (details please refer to result page(s)).
	*	* * *
Test Results	:	Please refer to the next page(s).

Signed for and on behalf of  
SGS Hong Kong Ltd.

Ng Siu Lun, Roy  
Assistant Account Manager

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# Test Report

No.: HKSL1605063426TX

Date: May 09, 2016

Page 2 of 4

## Test Results :

### Component List / List of Materials

Sample No.	Material No.	Component	Material	Color	Fiber Type *	Remark
/	1	Metal zipper slider	Metal	Golden	NA	/

### Nickel Release

Test Method: EN 1811:2011+A1:2015. Analysis was performed by AAS, ICP-OES or ICP-MS.  
 (Simulation of wear and corrosion: EN 12472:2005+A1:2009 is applied for non-nickel containing coated component)

	CAS-No.	Result
Sample Area (sq.cm.)	--	8.48
Volume of Test Solution (mL)	--	9
Nickel Release - Trial 1	--	n.d.#
Nickel Release - Trial 2	--	n.d.#
Nickel Release - Trial 3	--	n.d.#
<b>Conclusion</b>	--	<b>PASS</b>

Note:  $\mu\text{g}/\text{cm}^2/\text{week}$  = microgram per square centimeter per week  
 n.d.= Not detected  
 \* = Exceed the limit  
 # = Negative finding by Nickel spot test is observed based on CR 12471:2002 Clause 5.3.4. Simulation of wear and corrosion according to EN 12472:2005+A1:2009 has been applied prior to the EN 1811:2011+A1:2015.  
 Detection Limit =  $0.1 \mu\text{g}/\text{cm}^2/\text{week}$

**Recommend Max. Limit:**  
**Non-body piercing article**       $0.5 \mu\text{g}/\text{cm}^2/\text{week}$   
**Body piercing article**          $0.2 \mu\text{g}/\text{cm}^2/\text{week}$

Remark: Limit specified by entry 27 of Regulation (EC) No 552/2009 amending Annex XVII of REACH Regulation (EC) No 1907/2006 (previously restricted under Directive 94/27/EC and 2004/96/EC).  
 According to the Commission Communication 2016/C 014/04, published in the OJEU, the EN 1811:2011+A1:2015 is adopted as the harmonised standards under entry 27 of Annex XVII to REACH starting from 15 January 2016.

Test was conducted in one trial / two trials.

Comments are given according to Annex A of EN 1811:2011+A1:2015 as below:

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# Test Report

No.: HKSL1605063426TX

Date: May 09, 2016

Page 3 of 4

Type of sample	Nickel Release ( $\mu\text{g}/\text{cm}^2/\text{week}$ )	
	PASS	FAIL
Article with Nickel release limit of $0.5 \mu\text{g}/\text{cm}^2/\text{week}$	$< 0.88$	$\geq 0.88$
Article with Nickel release limit of $0.2 \mu\text{g}/\text{cm}^2/\text{week}$	$< 0.35$	$\geq 0.35$

### Total Lead Content (Other Accessible Substrate Materials) (For bag)

Test Method: Non-metal: With reference to CPSC-CH-E1002-08.3. Analysis was performed by AAS or ICP-OES or ICP-MS  
Metal: With reference to CPSC-CH-E1001-08.3. Analysis was performed by AAS or ICP-OES or ICP-MS.

	CAS-No.	Result
		<u>1</u>
Lead (Pb)	7439-92-1	27
Conclusion	--	PASS

Note: n.d. = not detected  
mg/kg = ppm  
1% = 10000 mg/kg  
Detection Limit = 20 mg/kg  
\* = Exceeds the limit  
# = The test result is over the recommended action limit (i.e. 80% of the regulatory limit). As the test result is based on the composite sample and falls into an uncertain range, where "Pass" or "Fail" cannot be truly defined, an "Interim-Fail" is given since the composite sample may possibility fail according to the regulatory limit. It is highly recommended to conduct individual tests for the exact content of Pb in each individual component.  
^ = Conclusion is made based on the composite sample. Individual testing is recommended as to understand the exact content of Pb in each individual component.  
The result is calculated using the minimum sample weight

### Reference Requirement 90 mg/kg

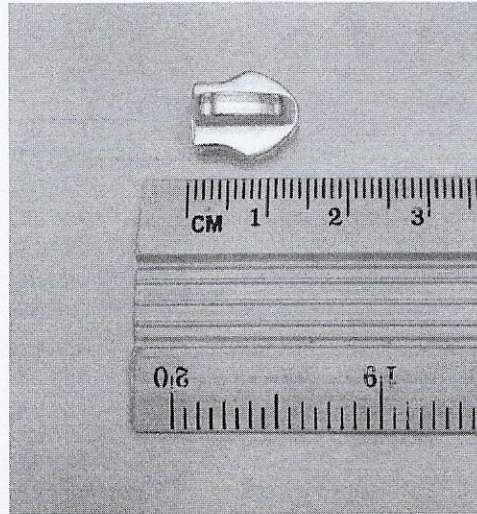
Remark: The limit is referenced to the requirement as stated in County of Alameda Superior Court, RG13663979.  
The reference limits applied in testing is based on particular prop 65 settlements that are most similar to the tested product in the opinion of the lab. The testing in this report does not reflect a user's actual exposure to the tested chemical.  
A manufacturer or retailer that is not named in the referenced settlement is not bound by that settlement, and may choose to comply with Proposition 65 by clearly informing the consumer of potential exposure.

\*\*\* End of Report \*\*\*

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