



Centre Court,  
Meridian Business Park, Leicester  
LE19 1WD, United Kingdom

Tel: +44 (0) 116 263 0330  
Fax: +44 (0) 116 263 0311/12  
Web: [www.intertek.com/consumergoods](http://www.intertek.com/consumergoods)

## TEST REPORT

**NUMBER:** LECH00323096

**APPLICANT:** Frogwill.com A. Wronski W.Wronski sp. j.  
Lencewicza 3/34  
01-493 Warsaw  
POLAND

**DATE:** 26<sup>th</sup> August 2011

For the attention of Pawel Wronski

**SAMPLE DESCRIPTION:** Findings, Earrings – Colour Silver

**REFERENCE / STYLE NO.:** 2519 Ear Wire with Ball and Coil 2cm  
2543 Small Ear Wire 1.4cm  
3037 Ear Wire with Ball and Coil 2cm  
3058 Ear Wire with Ball and Loop 1.5cm

**RETAILER:** Not specified

**SAMPLES RECEIVED:** 3<sup>rd</sup> August 2011

**PURCHASE ORDER:** Not specified

**TEST REQUEST:** ^REACH Annex XVII item 27 (Nickel release)

**CONCLUSION:** The results of the tests carried out **MEET** the requirements of the requested Regulation.

Tests marked (\*) in this Test Report are not included in the UKAS Accreditation Schedule for this Laboratory.  
Tests marked (^) in this Test Report have been sub-contracted to an agent approved by Intertek.  
Opinions and interpretations expressed herein are outside the scope of UKAS Accreditation.



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### NICKEL RELEASE TESTING ON COATED / PLATED ITEMS

#### METHOD

The samples were treated following the methods specified in EN12472 and EN1811. The determination of nickel present was by Flame AAS.

#### RESULTS

##### TESTING WITHOUT WEAR AND CORROSION

COMPONENT IDENTITY	SAMPLE AREA (cm <sup>2</sup> )	VOLUME OF TEST SOLUTION (mL)	ADJUSTED NICKEL RELEASE (µg/cm <sup>2</sup> /week)	RESULT
2543 Ear Wire	1.3	5	<0.02	Pass
2519 Ear Wire	2.0	5	<0.02	Pass
2519 Ball	0.3	5	<0.02	Pass
2519 Spring	0.3	5	<0.02	Pass
3058 Ear Wire	2.0	5	<0.02	Pass
3058 Spring	0.3	5	<0.02	Pass
3037 Ear Wire	1.8	5	<0.02	Pass
3037 Ball	0.3	5	0.03	Pass
3037 Spring	0.2	5	0.03	Pass

##### TESTING WITH WEAR AND CORROSION

COMPONENT IDENTITY	SAMPLE AREA (cm <sup>2</sup> )	VOLUME OF TEST SOLUTION (mL)	ADJUSTED NICKEL RELEASE (µg/cm <sup>2</sup> /week)	RESULT
2543 Ear Wire	1.3	5	<0.02	Pass
2519 Ear Wire	2.0	5	<0.02	Pass
2519 Ball	0.3	5	<0.02	Pass
2519 Spring	0.3	5	<0.02	Pass
3058 Ear Wire	2.0	5	<0.02	Pass
3058 Spring	0.3	5	<0.02	Pass
3037 Ear Wire	1.8	5	<0.02	Pass
3037 Ball	0.3	5	<0.02	Pass
3037 Spring	0.2	5	0.03	Pass

Nickel release results given as µg/cm<sup>2</sup>/week

The limit specified is 0.5 µg/cm<sup>2</sup>/week

(For post assemblies which are inserted into pierced parts of the human body, a lower limit of



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## TEST REPORT

**NUMBER:** LECH00323096  
0.2µg/cm<sup>2</sup>/week applies)

**Date of testing:** 24<sup>th</sup> August 2011



**END OF REPORT**