



ANCHORCERT ANALYTICAL

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EN 12472:2009 / EN1811:2015 - NICKEL RELEASE TEST (Method 20A/20C)

Ref: 310991 - 1	Date work reported: 28/07/2023	Batch No. 318
Page: 1 of 2	Date work received: 14/07/2023	

Method:	Sample(s) & their components listed below have been tested according to procedures based on BS EN 12472:2005 + A1:2009 and BS EN1811 + A1: 2015 (Plated items) or by BS EN1811: 2011 + A1:2015 (Unplated items) as appropriate. Wherever practical, product(s) have been disassembled into their component parts and the nickel release determined for each component. No parts of the product have been 'masked off' during the test, unless specifically instructed by the Customer.
Results: Units:	Results relate only to the specific materials tested. Nickel released in micrograms per square centimetre per week.
Compliant or Non-Compliant criteria:	For <u>items</u> intended to come into direct and prolonged contact with the skin which need to comply with the 0.5 µg/cm²/week limit (Ref Annex A of BS EN1811:2011+A1:2015) - (Based on combined measurement of uncertainty value of 46%): Non-Compliant when nickel release is ≥0.88 µg/cm²/week Compliant when nickel release is < 0.88 µg/cm²/week. For all <u>post assemblies</u> which are inserted into pierced parts of the human body, the post assembly needs to comply with the 0.2 µg/cm²/week limit (Ref Annex A of BS EN1811:2011+ A1:2015) - (Based on combined measurement of uncertainty value of 46%): Non-Compliant when nickel release is ≥0.35 µg/cm²/week. Compliant when nickel release is < 0.35 µg/cm²/week. Note: Sample components marked as 'compliant' will comply with the requirements of entry 27 of Annexe XVII (REACH) with respect to Nickel Release.

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Photo of item tested



Compliance Statement (Applicable to component(s) tested)		
Report No.	Item Description/Customer Ref	Nickel Compliance (EN 1811:2015) (Compliant/Non-Compliant)
310991 - 1	BB14G (STEEL)	Compliant

Special
Instructions/
Remarks:

A. Waller
Apprentice Technician

M. Francosi BSc
Analytical Chemist

Compo. Ref. (BAO)	Customer Ref. / Item Description	Component Description	Ni Release ($\mu\text{g}/\text{cm}^2$ / Week)	Compliant (C) / Non-compliant (NC)
99	BB14G (STEEL)	Pins	<0.88	C

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