

## Nickel release test

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ANALYSES  
CHIMIQUES  
CONTRÔLE DES  
MATÉRIAUX  
ASSISTANCE  
TECHNICO-LÉGALE  
CONTRÔLES  
HORLOGERS ET  
MICROTECHNIQUES



Laboratoire Dubois has acquired solid experience in determining the quantity of nickel ions released by an item in the presence of synthetic sweat. It regularly participates in interlaboratory tests and is actively involved in the related standards revision committees.

We are ISO 17025 accredited for performing tests as per the following standards.

- **EN 12472:** Method for the simulation of wear and corrosion for the detection of nickel release from coated items
- **EN 1811:** Reference test method for release of nickel from all post assemblies which are inserted into pierced parts of the human body and articles intended to come into direct and prolonged contact with the skin
- **EN 16128:** Reference test method for release of nickel from those parts of spectacle frames and sunglasses intended to come into close and prolonged contact with the skin

The use of high corrosion resistance materials and the application of appropriate design and surface finishing principles ensure satisfactory product compliance with the legislations and minimise allergy risks.



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