NIOM TESTED

NIOM has established a program for the quality evaluation of dental products.

The evaluation is based on testing of the products according to methods in relevant ISO and other standards, or according to other well-established and documented test methods. Products fulfilling the requirements (www.niom.no) are granted permission to be labeled with the NIOM Quality Seal “NIOM TESTED”, with the design specified here.

The NIOM Quality Seal “NIOM TESTED” thus represents a confirmation that the products meet the requirements of NIOM’s quality evaluation.

NIOM aims to be the premier choice for testing of biomaterials. NIOM is an accredited test laboratory that complies with the strictest certification requirements. Our testing-department delivers high-quality results promptly.

Contact us for a quotation for the testing of your products.
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NIOM is accredited as a test laboratory by DNV GL.

NIOM works to ensure that dental biomaterials are safe and functional. Our activities include research, standardization and information to dental and health authorities in the Nordic countries. NIOM offers accredited materials testing according to international standards.

Nordic Institute of Dental Materials
Sognsveien 70A, NO-0855 Oslo, Norway. tel: (+47) 67 51 22 00
e-mail: niom@niom.no web: www.niom.no
The NIOM Quality Seal “NIOM TESTED” in color. The NIOM Quality Seal “NIOM TESTED” may be applied either to the products, on the packaging, in the instruction manual, or in marketing of the products. The seal shall only be used with the tested product to which the seal is assigned. You may use the seal in the size you prefer, but not smaller than 20 mm in width.

The NIOM Quality Seal “NIOM TESTED” in black and white. This seal can be used similarly to the quality seal in color, but not smaller than 10 mm in width.

The NIOM Quality Seal “NIOM TESTED” in black and white, with text. This seal can be used similarly to the quality seal in color, but the seal itself may not be smaller than 10 mm in width. You may use this seal to present the product category.

**PRODUCT CATEGORIES**

Please find below the first product categories in the NIOM TESTED program, and the tests included in each test package.

**Composites (ISO 4049)**
- Flexural strength
- Colour stability
- Depth of cure
- Water sorption & solubility

**Luting materials (ISO 4049)**
- Film thickness
- Working time
- Setting time
- Water sorption

**Root canal sealers (ISO 6876)**
- Flow
- Working time
- Film thickness
- Solubility

**Elastomeric impression materials (ISO 4823)**
- Working time
- Detail reproduction
- Linear dimensional change
- Elastic recovery

**Eye protection filters**
- Light transmittance

**Metallic materials (ISO 22674)**
- Noble alloys (Type 3) or Base-metal alloys (Type 5)
  - Chemical composition
  - Corrosion resistance
  - Proof strength of 0.2% non-proportional extension
  - Linear thermal expansion, if applicable

Please contact Head of laboratory, Dr. scient. Hilde Molvig Kopperud for further information. E-mail: hilde.kopperud@niom.no
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