

BIOCOMPATIBILITY CERTIFICATE

Testmaterial: Colorit, Jewellery Colors

Manufacturer: Heraeus Kulzer GmbH
Philipp-Reis-Str. 8/13, D-61273 Wehrheim

Studies performed: The following studies were performed of the product Colorit, Jewellery Colors, according to ISO 10993-1:

CYTOTOXICITY¹⁾

GC/MS FINGERPRINT

CHORIOALLANTOIC MEMBRANE ASSAY

AMES-TEST

Results: The product did neither cause any harm in the biological studies performed (Cytotoxicity¹⁾, Chorioallantoic Membrane Assay, Ames-Test), nor did the fingerprint investigation reveal any peaks within the physiological medium. **Therefore, the biocompatibility of the test material as colour- labelling for dental instruments, was proved.**


With the unphysiologic medias IPA- and DMSO peaks were detected, identified as Triethylenglycol-Dimethacrylate, Bisphenol- A- diglycidylether-Dimethacrylate and Pentaerythritol-Triacrylate respectively, which are residual monomers commonly found in dental materials.

¹⁾ Tested as Colorit Neon and Colorit Standard

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Biological Safety testing

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