



Oral Irritation Oral Care Products

Model: SkinEthic™ HOE, SkinEthic™ HGE

DESCRIPTION

0.5 cm² reconstituted human oral epithelial tissues were topically exposed in triplicate to 4 commercially available oral care products diluted at 30% (3 toothpaste's: products A, B and C, and 1 mouthwash: product D) at 60 µl/cm² for 10 minutes, 1 hour, 3 hours and 24 hours

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Wash step to remove the products

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Duplicate tissues for cell viability

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the third tissue was fixed in formalin 10% and embedded in paraffin for histology analysis (H&E staining)

TESTED PRODUCTS

- Toothpaste A: containing SLS
- Toothpaste B: containing SLS and propylene glycol
- Toothpaste C: containing no SLS, no propylene glycol
- Mouthwash D: containing glycerine, lidocaine chlorohydrate

RESULTS

