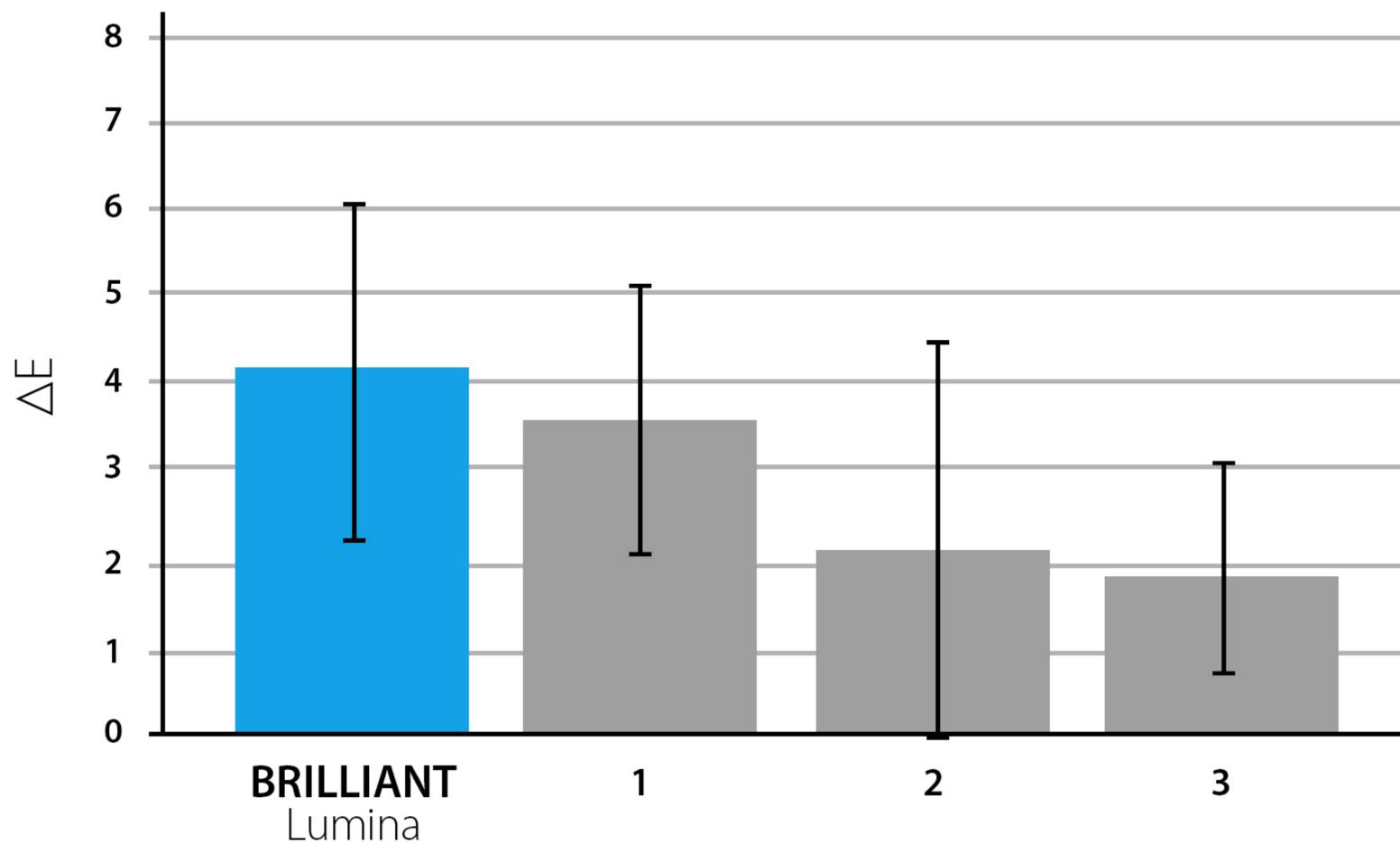


# Study on the shade change of tooth samples

Compared to conventional in-office bleaching products with hydrogen peroxide, BRILLIANT Lumina demonstrates effective brightening of the enamel samples.



$\Delta E$  = Colometric difference between original and bleached sample

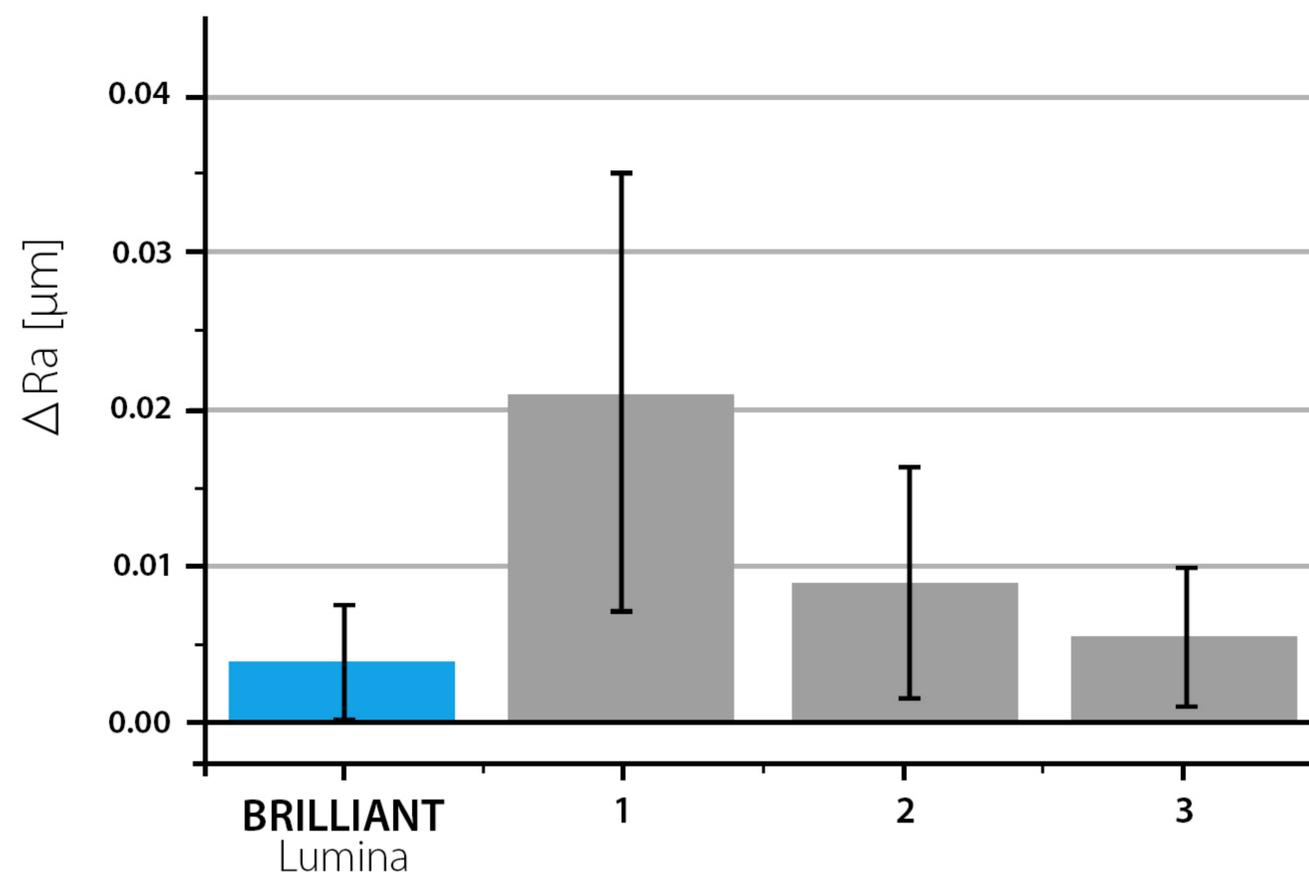
- 1 = Competitor product with 40 % hydrogen peroxide
- 2 = Competitor product with 25 % hydrogen peroxide
- 3 = Competitor product with 6 % hydrogen peroxide

Source: Fraunhofer IMWS

# Study on the surface roughness

In a study the roughness of tooth samples were measured after being treated with bleaching products. A statistically significant increase compared to the untreated surface was observed for a product with 40% H<sub>2</sub>O<sub>2</sub>, which also differs significantly from BRILLIANT Lumina and a product with 6% H<sub>2</sub>O<sub>2</sub>.

## Roughness



- 1 = Competitor product with 40 % hydrogen peroxide
- 2 = Competitor product with 25 % hydrogen peroxide
- 3 = Competitor product with 6 % hydrogen peroxide

Source: Fraunhofer IMWS