

27 June 2019

Further comment on the Stiftung Warentest test – sun protection Speick SUN Sun Cream, SPF 30

In the current edition of the test magazine, published on 27th June 2019, our Speick SUN Sun Cream SPF 30 was rated “unsatisfactory”. According to Stiftung Warentest, the SPF 30 rating was not met.

The data provided by the accredited laboratory commissioned by us says something completely different. Tests over the course of a year (2018/2019) consistently showed an SPF of well over 30 – supported by both in vivo* and in vitro** tests.

Legal situation

Before putting a product on the market, EU legislation states that appropriate sun protection tests have to be carried out and documented. Tests are performed in vivo* in accordance with ISO 24444 to determine the SPF (UVB) to be indicated on a product. To determine the UVA protection of a product, in vitro** testing is carried out in accordance with ISO 24443. These values are a mandatory component of the statutory safety report.

Our data for the safety report

- In the late development stage in 2018, we performed an in vitro** test for the determination of the possible UV protection level. These results were already well over the expected sun protection factors.
- The in vivo* sun protection test carried out by an accredited laboratory commissioned by us and performed in October 2018 in accordance with ISO 24444 showed an SPF of 38.4.
- An additional test in April 2019 showed an SPF of 37.8 with a very low deviation of +/- 0.9 from the mean.
- After market launch in May 2019, we commissioned another UVA test of the initial production in accordance with ISO 24443 from the same accredited laboratory. The results were confirmed once again.

This effort ensured we maintained continuous quality control and assurance measures for our newly developed Speick SUN sun protection products.

In vivo* tests are not carried out by laboratories in the summer months because the results are distorted by, for instance, pre-tanning of the skin. The post-tests we now hope to perform will have to wait until autumn.

For your information

We received a letter in March 2019 informing us that the Stiftung Warentest product test magazine would be testing our Speick SUN Sun Cream. In May we received the test results from Stiftung Warentest. Immediately afterwards we presented Stiftung Warentest with a complete and transparent portfolio of our test results. According to Stiftung Warentest, communication before the publication of the test was not possible.

The sun protection test results from the accredited laboratory commissioned by us can be found at:

<https://www.speick.de/de/aktuelles/artikel/test-methode-und-ergebnisse-speick-sun-sonnenschutz.html>

Kind regards

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*in vivo: In accordance with the standard, a defined quantity of the product is applied to 10 test subjects with different skin types (skin types I–III) and exposed to UV light under standardised conditions. The time is measured to the point that redness occurs.

**in vitro: In accordance with the standard, a defined quantity of the product is applied to a substrate (glass plate) and exposed to UV light under standardised conditions. This is to measure the transmission (the penetration of the UV radiation).