

Grupo kosmo science

SUNCARE

METHODS FOR CLAIM SUBSTANTIATION



SPF Static Method

The evaluation of the Static SPF is carried out in accordance with the FDA 2021, ISO 24444:2010, and ISO 24444:2019 methodologies. Through variations of the methods, it is possible to support innovative claims such as immediate protection and wet skin application.



Water and Sweat Resistance

The evaluation of the Water Resistance activity is performed according to the FDA 2021, COLIPA 2005, ISO 1627: 2020, and ISO 18861:2020 methodologies to support claims such as water/sweat resistance and very water resistance.

SPF UVA In Vivo – PPD

The evaluation of the SPF UVA in vivo protection factor is carried out according to the ISO 24442:2022 methodology.



SPF UVA In Vitro

The evaluation of the SPF UVA In vitro protection factor is carried out according to the COLIPA 2011, ISO 24443:2012 and ISO 24443:2021 methodologies. Evaluation of broad-spectrum protection is performed according to the FDA 2021 methodology.



TECHNOLOGICAL PLATFORMS

Spectroscopy | Solar Light | Labsphere | Suntest | Colorimetry | Infrared | Spectrophotometer UV-VIS

Sun Protection Factor - SPF

• Immediate protection • SPF protection on wet skin

Tanning

• Intense tanning • Long lasting tanning • self tanning performance

After Sun

• Erythema reduction • Redness reduction • Skin calming effect

Ultraviolet Protection

• Blue ray protection • Visible light protection • Infrared protection

Photostability

• Photostability for an estimated period of time

Copyright © 2025 Kosmoscience. All rights reserved.
This document will not be reproduced, whether totally or partially, by any processes or means, and it will not be disclosed by any electronic means, without the prior written approval from Kosmoscience.