



SUN PROTECTION FACTOR + WATER RESISTANCE (SPF + WR)

Title	Assessment of the Sun Protection Factor according to the INTERNATIONAL SUN PROTECTION FACTOR TEST METHOD CTFA(SA)-COLIPAJCIA-CTFA(USA) / May 2006 and Assessment of Water Resistance according to the COLIPA GUIDELINES FOR EVALUATING SUN PRODUCT WATER RESISTANCE - December 2005.
Objective	To define the sun protection level of a product by the calculation of the sun protection factor (SPF) and to assess its water resistance (WR) by means of the calculation and comparison of the SPF before immersion into water and after an immersion period.
Schedule	Duration of the study: 1-2 weeks depending on the stages chosen by the Sponsor. Beginning: 1-2 weeks upon receipt of the samples. Report: 3 weeks after the end of the study.
Methodology	Clinical assessment of the skin erythema response to ultraviolet radiation (Sun Simulator Multiport®) before and after immersion into water.
Procedure	<ul style="list-style-type: none">• Determination of the theoretical Minimal Erythema Dose (MED) to define the UV exposure time.• Shower of the subjects.• Application of the product to the back of the subjects on the immersed site.• Jacuzzi (2 x 20 minutes).• UV exposure of the immersed site.• Application of the product and reference product on non immersed sites.• Determination of the current MED.• UV exposure 15-30 minutes after application.• Skin examination 16 to 24 hours after UV exposure: clinical assessment. <p><i>Optional: Very Water Resistance test (Jacuzzi 4 x 20 minutes)</i></p>