



TRAINING - MODULE 2 - DEEPENING

Laboratory tests practices

Scaling UV transmission and evaluating sun protection
(Theory + lab practice)

[HeF001b]

Aim of the training

- Existing methods, their specificities
- Testing: conditions, control, data treatment

Program

1. Understand In Vitro test	2. Relevance of results
<ul style="list-style-type: none"> ■ Impact of Technical & Reglementation aspect on In vitro method development ■ Prerequisite of method validation (Difference - Advantage - Inconvenience) 	<ul style="list-style-type: none"> ■ Methodology of each method ■ Key parameters of In vitro test ■ Traps to avoid for valid results (Methods - Products - Artefacts)
3. Current methods	4. Practice part
<ul style="list-style-type: none"> ■ How to approach test and ensure reproducibility? ■ Self-validation & control ■ In Vivo / In Vitro correlation & pre-irradiation (study example) ■ Standard method ISO 24443 & Broadpectrum (EU or FDA rules) ■ Photostability & pre-irradiation 	<ul style="list-style-type: none"> ■ Operational conditions: Tool - Appliance - Sample ■ ■ Tool & Appliance: Calibration - Control ■ ■ ■ Spreading method ■ ■ ■ Data acquisition Treatment - Interpretation

■ Theory ■ ■ Demonstration ■ ■ ■ Practice