



**COSMETICS EUROPE:
N° 22: GUIDELINES FOR MONITORING
UV RADIATION SOURCES**

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Guidelines for Monitoring UV Radiation Sources

Introduction

Both the *International Sun Protection Factor Test Method* and the forthcoming *Method for the in vitro Determination of UVA Protection Provided by Sunscreen Products* recommend ensuring that the output of the UV radiation source used is of the correct quality and that the UV doses are measured correctly. Reliable, precise and reproducible spectral data are difficult to achieve and it is not sufficient to simply use the specified filters.

Detailed instructions for ensuring the correct lamp output are given in the *Colipa Guidelines for Monitoring UV Radiation Sources*. It addresses the certification and monitoring of the irradiation received by the test area from UV source(s). Specifications and guidance for monitoring of UV sources by both external spectroradiometry experts and internal test laboratory personnel are included with an indication of action to be taken in case of non-compliance. Templates are available on a CD-Rom for spectroradiometry experts to use for reporting data to their customers.

Recommendation

It is recommended that the *Guidelines for Monitoring UV Radiation Sources* are followed to ensure the quality of output of UV sources employed for the *International Sun Protection Factor Test Method* and the forthcoming *Method for the in vitro Determination of UVA Protection Provided by Sunscreen Products*.

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