

## PT 64: Sunscreen products – *in vitro* UVA

### Details of the program:

- Proficiency testing scheme created in 2012
- **14 registered laboratories from 6 countries**
- 2 rounds per annual series
- The time for analysis is 8 weeks
- Samples are shipped via express carrier on the 15<sup>th</sup> of the month.



### Schedule:

DATE	CODE	MATRIX	WEIGHT
October	0464	Sunscreen oil	30 ml
	0164	Sunscreen cream	30 ml
	0864	Sunscreen lotion	30 ml
February	0564	Sunscreen lipstick	30 ml
	0164	Sunscreen cream	30 ml
	0264	Sunscreen milk	30 ml

### ANALYTES

*In vitro* UVA protection factor according to ISO 24443 standard  
 UVAPF before exposure  
 Sample temperature before and during exposure  
 Confidence interval at 95%  
 Coefficient of adjustment (C)  
 UVA dose (D<sub>x</sub>)  
 Critical wavelength value ( $\lambda_c$ )  
 Type of plate used (ref. and batch number)  
 UV source (type)  
 Type of Spectro-analyser.

Note: Matrices and analytes may be changed or removed for technical or scientific reasons.  
 Please refer to current application form available in your member area ([www.bipea.org](http://www.bipea.org)).