

Labsphere Transmittance Analyzer

SPF Report

Sample: Facial Sunscreen Quang Tien

Description:

Operator:

Client:

Comment:

Date: 2022/09/22 8:54:39

Unit serial number: 0919184040

Solar Irradiance Profile: Albuquerque, NM

UVA/UVB ratio calculation used: Labsphere Method

Study Statistics

	SPF	UVAPF	SPF/UVAPF	UVA/UVB	Lambda Irradiation	
					Critical	Dose
Number of Sets:	3	3	3	3	3	3
Mean:	75.35	7.47	10.075	0.373	364.90	8.97
STD:	4.49	0.40	0.16	0.01	0.40	0.48
COV:	5.96%	5.31%	1.60%	1.78%	0.11%	5.31%

Set 1

	SPF	UVAPF	SPF/UVAPF	UVA/UVB	Lambda Irradiation	
					Critical	Dose
Number of Scans:	10	10	10	10	10	10
Mean:	80.53	7.91	10.175	0.374	364.90	9.50
STD:	6.68	0.66	0.12	0.01	0.57	0.79
COV:	8.30%	8.28%	1.16%	2.35%	0.16%	8.28%

Set 2

	SPF	UVAPF	SPF/UVAPF	UVA/UVB	Lambda Irradiation	
					Critical	Dose
Number of Scans:	10	10	10	10	10	10
Mean:	72.61	7.14	10.161	0.366	364.50	8.57
STD:	4.29	0.33	0.24	0.01	0.53	0.40
COV:	5.91%	4.66%	2.35%	2.66%	0.14%	4.66%

Set 3

	SPF	UVAPF	SPF/UVAPF	UVA/UVB	Lambda Irradiation	
					Critical	Dose
Number of Scans:	10	10	10	10	10	10
Mean:	72.90	7.37	9.888	0.380	365.30	8.84
STD:	7.84	0.67	0.26	0.01	0.48	0.80
COV:	10.75%	9.09%	2.68%	2.53%	0.13%	9.09%

Set Averages

