

Sponsor	Monitor	Place of study
ECO COSMETICS GMBH & CO.KG Hildesheimerstraße. 353 D-30880 LAATZEN GERMANY	IDEA Clinic Technopole Montesquieu 5 rue Jacques Monod CS 60077 33652 MARTILLAC CEDEX FRANCE	CTI Str. Iuliu Teodori nr. 1 Sector 5 050496 BUCURESTI ROMANIA

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Internal references : 60695 - 5.27_1J - ID-20/13564

DESCRIPTION OF THE STUDY

In vivo determination of the UVA Protection Factor of a cosmetic product according to the ISO 24442:2012 standard

Investigational product: ECO COSMETICS BABY & KIDS NEUTRAL SONNENCREME LSF50+

Expected UVA PF: Undisclosed

Dates: from 18/12/2021 to 26/01/2021

Number of volunteers included: 10

Number of volunteers analysed: 10

For the studied product, application using a finger cot for all volunteers

RESULTS

File no.	Inclusion no	Volunteer	Phototype	ITA°	MPPDDu	MPPDDp ID-20/13564	UVA PF ID-20/13564	UVA PF Standard S2
60694	1	HO-NI	III	37	12.80	400.00	31.3	15.9
	2	BI-AL	III	22	20.00	500.00	25.0	12.7
	3	PO-RO	III	35	16.00	500.00	31.3	12.7
	4	PA-IU	III	35	12.80	256.00	20.0	15.9
	5	TO-FL	III	36	16.00	400.00	25.0	15.9
60695	1	DU-IO	III	31	16.00	440.00	27.5	15.9
	2	AR-FL	III	26	20.00	687.50	34.4	15.9
	3	SI-MA	III	40	16.00	550.00	34.4	12.7
	4	VA-MI	III	35	20.00	687.50	34.4	12.7
	5	ST-FL	III	22	16.00	687.50	43.0	12.7
Number of subjects analysed							10	10
Mean							30.6	14.3
Standard deviation							6.5	1.7
c							4.6	1.2
Mean UVA PF * 17%							5.2	2.4

MPPDDu: Minimal Persistent Pigment Darkening Dose on unprotected area (J/cm²)

MPPDDp: Minimal Persistent Pigment Darkening Dose on protected area (J/cm²)

UVA PF: UVA Protection Factor

CONCLUSION

Under the conditions of the ISO 24442:2012 standard, on 10 analysed subjects, the *in vivo* UVA PF of the product ECO COSMETICS BABY & KIDS NEUTRAL SONNENCREME LSF50+ was determined as 30.6.