

SECTION 4 - CONCLUSION

Based on the results obtained in the experimental conditions elsewhere described in this report it is possible to maintain that the product **SUNCARE PRODUCT REF. 986.01 (201201.011)**, submitted to the evaluation of the sun protection factor (SPF) according to the ISO 24444:2019 Cosmetics — Sun protection test methods — In vivo determination of the sun protection factor (SPF), has the following SPF:

56.5 ± 6.1

(mean ± c)

According to the European Commission 2006/647/CE recommendation of 22 September 2006 on the efficacy of sunscreen products and the claims made relating thereto, the sun protection factor provided by the product belong to the category:

«HIGH PROTECTION»

Attachment 1. Results: tested product and reference sunscreen formulation

SPF TEST RESULT TABLE																		
Product code: SUNCARE PRODUCT REF. 986.01 (201201.011)													Expected SPF: 50					
UV Source: Solar light Multiport solar simulator model 601 - 300W (Solar light Co. Inc)																		
Subj. No.	TEST			Sim EE (highest)	Subject code	SUBJECTS					RESULTS						CONCLUSION: $C_{1\alpha}[\%] \leq 17\%$	COMMENTS
	Exposure date	Technician name	MED Assessor name			W/m2 eff.	Skin ITA*	MEDu mm:ss	J/m2 eff.	MEDu mm:ss	J/m2 eff.	SPFi	Rejected Y? or N?	SPFi'	E _{SP}	C _{SP}		
01	29/12	dr. [REDACTED]	dr. [REDACTED]	10,8	V2130R	31,6	1:12	533,0	59:48	35244,6	66,1	N	—	—				none
02	4/1	dr. [REDACTED]	dr. [REDACTED]	10,8	P1492V	32,4	0:53	392,0	44:02	25921,0	66,1	N	66,1	0,0				none
03	7/1	dr. [REDACTED]	dr. [REDACTED]	10,8	S2046S	41,4	0:37	274,0	30:49	11913,0	43,5	N	58,6	13,1				none
04	11/1	dr. [REDACTED]	dr. [REDACTED]	10,8	R1890E	40,3	1:03	470,0	52:46	27025,0	57,5	N	58,3	10,7				none
05	13/1	dr. [REDACTED]	dr. [REDACTED]	10,8	M3715F	48,3	0:37	274,0	30:49	18118,3	66,1	N	59,9	9,9				none
06	14/1	dr. [REDACTED]	dr. [REDACTED]	10,8	B2947R	33,4	1:03	470,0	52:46	27025,0	57,5	N	59,5	8,9				none
07	20/1	dr. [REDACTED]	dr. [REDACTED]	10,8	B0039C	38,2	1:03	470,0	52:46	27025,0	57,5	N	59,2	8,2				none
08	21/1	dr. [REDACTED]	dr. [REDACTED]	10,8	B0996S	61,2	0:25	188,0	21:07	9400,0	50,0	N	58,0	8,2				none
09	26/1	dr. [REDACTED]	dr. [REDACTED]	10,8	I0172A	48,7	0:34	251,0	28:09	10913,0	43,5	N	56,4	9,1				none
10	28/1	dr. [REDACTED]	dr. [REDACTED]	10,8	C0052P	47,9	0:37	274,0	30:49	15755,0	57,5	N	56,5	8,6	6,1	10,9%	2	Complies
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
FINAL RESULT: Mean SPF= 56,5 s= 8,6 e= 6,1 95% CI: from: 50,4 to: 62,7 (n=10)																		

For display purposes values are rounded to the first decimal place. All calculation are done using the original values.

SPF TEST RESULT TABLE																		
Productcode: P2 REFERENCE SUNSCREEN FORMULATION													Expected SPF: 16					
Productcode: P8 REFERENCE SUNSCREEN FORMULATION													Expected SPF: 63					
UV Source: Solar Light Multiport solar simulator model 601 - 300W (Solar Light Co. Inc)																		
Subj. No.	TEST			Sim EE (highest)	Subject code	SUBJECTS					SPFi	RESULTS					CONCLUSION: $Cl_{95}[\%] \leq 17\%$	COMMENTS
	Exposure date	Technician name	MED Assessor name			W/m2 eff.	Skin ITA*	MEDu mm:ss	I/m2 eff.	MEDu mm:ss		I/m2 eff.	Rejected Y? or N?	SPFi'	E _{SP}	C _{SP}		
01	29/12	dr. [REDACTED]	dr. [REDACTED]	10,8	V2130R	31,6	1:12	533,0	19:08	8528,0	16,0	N	---	---	---	---	---	none
02	4/1	dr. [REDACTED]	dr. [REDACTED]	10,8	P1492V	32,4	0:53	392,0	14:05	7212,8	18,4	N	17,2	1,7	---	---	---	none
03	7/1	dr. [REDACTED]	dr. [REDACTED]	10,8	S2046S	41,4	0:37	274,0	36:59	16440,0	60,0	N	---	---	---	---	---	none
04	11/1	dr. [REDACTED]	dr. [REDACTED]	10,8	R1890E	40,3	1:03	470,0	16:53	7520,0	16,0	N	16,8	1,4	---	---	---	none
05	13/1	dr. [REDACTED]	dr. [REDACTED]	10,8	M3715F	48,3	0:37	274,0	36:59	16440,0	60,0	N	60,0	0,0	---	---	---	none
06	14/1	dr. [REDACTED]	dr. [REDACTED]	10,8	B2947R	33,4	1:03	470,0	16:53	6539,1	13,9	N	16,1	1,8	---	---	---	none
07	20/1	dr. [REDACTED]	dr. [REDACTED]	10,8	B0039C	38,2	1:03	470,0	16:53	8648,0	18,4	N	16,5	1,9	---	---	---	none
08	21/1	dr. [REDACTED]	dr. [REDACTED]	10,8	B0996S	61,2	0:25	188,0	25:20	9808,7	52,2	N	57,4	4,5	---	---	---	none
09	26/1	dr. [REDACTED]	dr. [REDACTED]	10,8	I0172A	48,7	0:34	251,0	33:46	17319,0	69,0	N	60,3	6,9	---	---	---	none
10	28/1	dr. [REDACTED]	dr. [REDACTED]	10,8	C0052P	47,9	0:37	274,0	36:59	14295,7	52,2	N	16,5	1,9	2,4	14,3%	4	Complies
11													58,7	7,0	8,7	14,8%	4	Complies
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
FINAL RESULT:		Mean SPF P2= 16,5				s= 1,9		e= 2,4					95% CI: from: 14,2			to: 18,9		(n=5)
		Mean SPF P8= 58,7				s= 7,0		e= 8,7					95% CI: from: 50,0			to: 67,4		(n=5)

For display purposes values are rounded to the first decimal place. All calculation are done using the original values.