

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 SPF 50 701-8.296 (190723.001)**, submitted to the evaluation of the sun protection factor (SPF) according to the ISO 24444:2010 Cosmetics — Sun protection test methods — In vivo determination of the sun protection factor (SPF), has the following SPF:

64.4 ± 4.7

(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:

«VERY HIGH PROTECTION»

Attachment 1

SPF TEST RESULT TABLE															
Product code: SUNCARE PRODUCT SPF 50 701-8.296 (190723.001)											Expected SPF:		50		
UV Source: Solar Light Multiport solar simulator model 601 - 300W (Solar Ligth Co. Inc)															
Subj. No.	TEST		SUBJECTS					RESULTS					CONCLUSION: $CI_n[\%] \leq 17\%$	COMMENTS	
	Technician name	MED Assessor name	Subject code	Photo type	MEDu (mJxcm ⁻²)	MEDp (mJxcm ⁻²)	SPFi	SPFn'	s _{n'}	c _{n'}	$CI_n[\%]$ (100 _{c_{n'}} /SPF _{n'})	n			
01	dr.	dr.	M3661	III	40,7	2574,3	63,3	---	---					none	
02	dr.	dr.	M3715F	II	27,4	1993,0	72,7	68,0	6,7					none	
03	dr.	dr.	P1778A	II	21,9	1204,5	55,0	63,7	8,9					none	
04	dr.	dr.	Z3554A	III	37,0	2691,3	72,7	65,9	8,6					none	
05	dr.	dr.	M0218O	II	27,5	1739,4	63,3	65,4	7,5					none	
06	dr.	dr.	Q0607R	II	25,1	1587,6	63,3	65,0	6,8					none	
07	dr.	dr.	M1721L	II	28,2	1551,0	55,0	63,6	7,2					none	
08	dr.	dr.	B3145S	III	49,0	3099,3	63,3	63,6	6,7					none	
09	dr.	dr.	S0359L	I	18,8	1189,1	63,3	63,5	6,3					none	
10	dr.	dr.	C0058C	III	43,9	3193,2	72,7	64,4	6,6	4,7	7,3%	2	Complies	none	
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															
21															
22															
23															
24															
25															
FINAL RESULT: Mean SPF= 64,4 s= 6,6 c= 4,7 95% CI: from: 59,7 to: 69,2 (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															
Product code:		REFERENCE SUNSCREEN FORMULATION P2 (High SPF reference formula)										Expected SPF:		16	
UV Source:		Solar Light Multiport solar simulator model 601 - 300W (Solar Ligth Co. Inc)													
Subj. No.	TEST		SUBJECTS					RESULTS					CONCLUSION: $CI_n[\%] \leq 17\%$	COMMENTS	
	Technician name	MED Assessor name	Subject code	Photo type	MEDu (mJxcm ⁻²)	MEDp (mJxcm ⁻²)	SPFi	SPFn'	s _{n'}	c _{n'}	$CI_n[\%]$ (100 _{c_{n'}} /SPF _{n'})	n			
01	dr.	dr.	M3661	III	40,7	566,3	13,9	---	---					none	
02	dr.	dr.	M3715F	II	27,4	438,4	16,0	15,0	1,5					none	
03	dr.	dr.	P1778A	II	21,9	403,0	18,4	16,1	2,2					none	
04	dr.	dr.	Z3554A	III	37,0	592,0	16,0	16,1	1,8					none	
05	dr.	dr.	M0218O	II	27,5	506,0	18,4	16,5	1,9					none	
06	dr.	dr.	Q0607R	II	25,1	461,8	18,4	16,9	1,9					none	
07	dr.	dr.	M1721L	II	28,2	392,3	13,9	16,4	2,0					none	
08	dr.	dr.	B3145S	III	49,0	901,6	18,4	16,7	2,0					none	
09	dr.	dr.	S0359L	I	18,8	300,8	16,0	16,6	1,9					none	
10	dr.	dr.	C0058C	III	43,9	702,4	16,0	16,5	1,8	1,3	7,7%	2	Complies	none	
11															
12															
13															
14															
15															
16															
17															
18															
19															
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25															
FINAL RESULT:		Mean SPF= 16,5		s= 1,8		c= 1,3		95% CI:		from: 15,3		to: 17,8		(n=10)	

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