

SPF In-Vitro Analysis Test Report

Received Date : 12/11/14

Attn. Chanjao Longevity Co.,Ltd.

Tel. :

Fax. :

EQUIPMENT :	EQUIPMENT MODEL : Labsphere UV-2000S Analyzer
METHOD :	SUBSTRATE : PMMA plate (Helioplates HD6)
	Sample weight : 1.3 mg / cm ²

SAMPLE DETAILS

Sample name designated by customer :	Sunscreen Sample 1
Lot.No. :	
SAMPLE DESCRIPTION :	Yellowish Cream
ACTIVE INGREDIENTS :	(SPF Protect Ultra 20%)
Ethylhexyl Methoxycinnamate	6.6%
Diethylamino Hydroxybenzoyl Hexyl Benzoate	4.4%
Oxybenzone	4.4%
Zinc Oxide 200nm	3.0%
Octocrylene	1.6%

RESULTS

	REPORT DATE : 19 Noverber,2014
	MEAN SPF : 40.27
	SD of average SPF : 2.26

Remark

1. This test report certifies/accredits only the sample being tested.

Analyzed By. (Chemist)	Approved By. (Authorized)
	
Date. 19-11-14	Date. 19-11-14

Labsphere Transmittance Analyzer SPF Report

Sample: Sunscreen Sample 1

Description: Yellowish Cream

Client: Chanjao Longevity Co.,Ltd.

Comment:

Date: 19/11/2557 10:24:13

Unit serial number: 0525117552

Solar Irradiance Profile: Albuquerque, NM

UVA/UVB ratio calculation used: Labsphere Method

Study Statistics

	SPF	T(UVA)	T(UVB)	Lambda Critical
Number of Sets:	1	1	1	1
Mean:	41.01	14.26%	1.75%	373.00
STD:	n/a	n/a	n/a	n/a
COV:	n/a	n/a	n/a	n/a

UVA/UVB Ratio: 0.638

Sunscreen Sample 1

	SPF	T(UVA)	T(UVB)	Lambda Critical
Number of Scans:	9	9	9	9
Mean:	41.01	14.26%	1.75%	373.00
STD:	3.93	0.65%	0.21%	0.00
COV:	9.57%	4.55%	12.05%	0.00%

UVA/UVB Ratio: 0.638

Scan	SPF	Critical Wavelength
Scan 1	43.67	373
Scan 2	43.21	373
Scan 3	46.79	373
Scan 4	39.58	373
Scan 5	40.86	373
Scan 6	37.57	373
Scan 7	38.29	373
Scan 8	34.44	373
Scan 9	44.69	373

