

# SPF In-Vitro Analysis Test Report

Received Date : 12/11/14

Attn. Chanjao Longevity Co.,Ltd.

Tel. :

Fax. :

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

### SAMPLE DETAILS

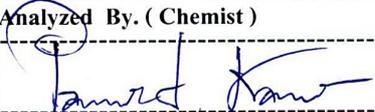
Sample name designated by customer :	<b>Sunscreen Sample 1</b>
Lot.No. :	
SAMPLE DESCRIPTION :	<b>Yellowish Cream</b>
ACTIVE INGREDIENTS :	(SPF Protect Ultra 20%)
<b>Ethylhexyl Methoxycinnamate</b>	<b>6.6%</b>
<b>Diethylamino Hydroxybenzoyl Hexyl Benzoate</b>	<b>4.4%</b>
<b>Oxybenzone</b>	<b>4.4%</b>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

### RESULTS

	REPORT DATE : <b>19 Noverber,2014</b>
	MEAN SPF : <b>40.27</b>
	SD of average SPF : <b>2.26</b>

### Remark

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

<b>Analyzed By. ( Chemist )</b>	<b>Approved By. ( Authorized )</b>
	
Date. <b>19-11-14</b>	Date. <b>19-11-14</b>

# 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	1
Mean:	41.01	14.26%	1.75%	373.00	
STD:	n/a	n/a	n/a	n/a	n/a
COV:	n/a	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	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

