

Formula	Actives	Percent	IN VITRO RESULTS			IN VIVO RESULTS			
		Syntran PC5227	SPF	$\beta$	SPF Boost	SPF	N	SD	SPF Boost
JCII/142 SPF 15 o/w emulsion Control	Octinoxate 7.5%, Oxybenzone 3%, Octisalate 3%	0%	16.6	1.09		22.77	6	5.5	
JCII/143 SPF 15 o/w emulsion	Octinoxate 7.5%, Oxybenzone 3%, Octisalate 3%	10%	34.6	1.08	108%	33.8	6	5.9	42%
JCII/136 SPF 15 o/w emulsion	Octinoxate 7.5%, Oxybenzone 3%, Octisalate 3%	5%	32.7		97%				
133-083 Proprietary Formula Control	Octinoxate 7.5%, Oxybenzone 3%, Octisalate 3%	0%	13.6	1.07		21.3	5	3.8	
133-096 Proprietary Formula	Octinoxate 7.5%, Oxybenzone 3%, Octisalate 3%	5%	16.2	1.04	19%	27.8	5	5.1	31%
F24-04 Control o/w emulsion (Tested as SPF 15)	Octinoxate 7.5%, Oxybenzone 3%, Octisalate 3%	0%	22.9	1.08					
F24-03 o/w emulsion (Tested as SPF 15)	Octinoxate 7.5%, Oxybenzone 3%, Octisalate 3%	7%	35.7	0.95	36%				
F24-08 Control o/w emulsion	Octinoxate 7.5, Oxybenzone 5%, Octisalate 5%	0	24.2	1.30					
F24-07 o/w emulsion	Octinoxate 7.5, Oxybenzone 5%, Octisalate 5%	7.50%	37.2	1.29	54%				
JCIII/39 Control o/w emulsion	Octinoxate 7.5, Oxybenzone 5%, Octisalate 5%	0				20	5	4.6	
JCIII/41 o/w emulsion	Octinoxate 7.5, Oxybenzone 5%, Octisalate 5%	10%				23	5	3.1	15%
133-083 control proprietary formula	Avobenzene, Homosalate, Oxybenzone, Octyl Salicylate	0%				21.3	5	3.8	
133-096 proprietary formula	Avobenzene, Homosalate, Oxybenzone, Octyl Salicylate	5%				27.8	5	5.1	31%
JCII/100 Control SPF 15 o/w emulsion	Octinoxate 7.5%, Oxybenzone 3%, Octisalate 3%	0%	15.8						
JCII/101 SPF 15 o/w emulsion	Octinoxate 7.5%, Oxybenzone 3%, Octisalate 3%	12% (1)	28.5		80%				
JCII/103 SPF 15 o/w emulsion	Octinoxate 7.5%, Oxybenzone 3%, Octisalate 3%	10%	43.2		173%				
JCII/137 o/w emulsion with 35% reduced actives	Octinoxate 2.5, Oxybenzone 1.0, Octisalate 1.0	10%	24.4		54%				
JCII/117 Control o/w emulsion with organic/inorganic UV filters	Octinoxate 7.5%, Oxybenzone 1.5%, Octisalate 1.5%, TiO <sub>2</sub> 3%	0%	11.1						
JCII/116 o/w emulsion with organic and inorganic UV filters	Octinoxate 7.5%, Oxybenzone 1.5%, Octisalate 1.5%, TiO <sub>2</sub> 3%	10%	22.3		101%				
JCII/159 o/w emulsion	Avobenzene 3%, Oxybenzone 3%, Octyl Salicylate 3%	0%	74.1						
JCII/158 o/w emulsion	Avobenzene 3%, Oxybenzone 3%, Octyl Salicylate 3%	10%	98.6		33%				
JCIII/58 Control SPF 15 Crème with Syntran	Octinoxate 7.5%, Oxybenzone 3%, Octisalate 3%	10%	19.2		28%				
JCIII/58 SPF 15 Crème with Syntran	Octinoxate 7.5%, Oxybenzone 3%, Octisalate 3%	18% (2)	16.5		10%				
(1) Syntran KL219-C polymer test	(2) Competitive SPF boosting polymer								