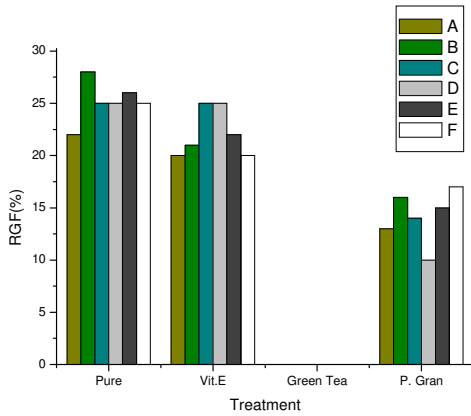
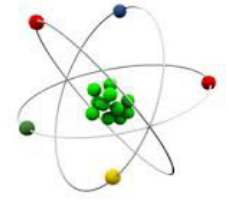




## ANTIOXIDANTS FOR THE STABILIZATION OF SUNSCREENS

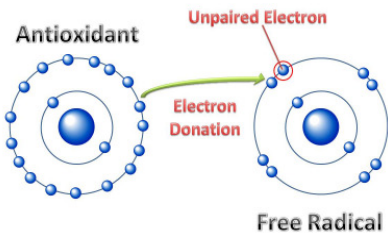
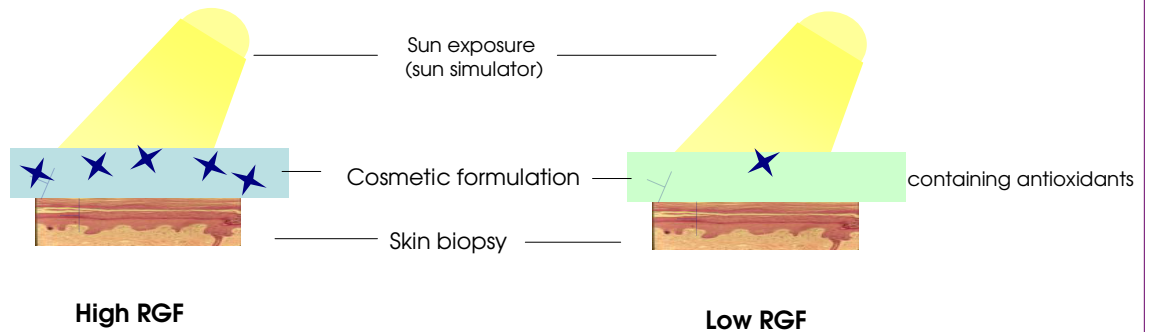
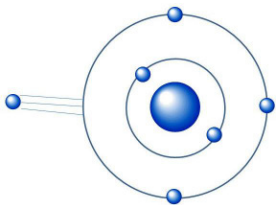


The newest trend in modern sunscreen is the addition of powerful antioxidants. The aim is to add the beneficial effects of radical scavengers to the skin.

However, to be effective against free radicals in the skin, these antioxidants should penetrate into the skin and remain there active for a prolonged time. The antioxidants should therefore a) penetrate, b) remain active for several hours, c) be photostable, d) be active against different radical species.

We believe that antioxidants in sunscreens may be able to protect the formulation against photo-induced radical reactions, that take place in any sunscreen formulation.

### Radical Generating Factor RGF



Code	SPF	RGF (%)			
		Pure product	+ Vit. E 1%	+ GreenTea Extract 1%	+ Pomegranate 1%
A	25	22	20	0	13
B	25	28	21	0	16
C	30	25	25	0	14
D	30	25	25	0	10
E	30	26	22	0	15
F	50+	25	20	0	17