

INCI & CFDA

Saccharomyces Ferment Filtrate, Albatrellus Confluens(Mushroom) Extract, Butylene Glycol, 1,2-Hexanediol

[COOLIN-GL] INCI & CFDA

Saccharomyces Ferment Filtrate, Albatrellus Confluens(Mushroom) Extract, Benzyl Alcohol, Dehydroacetic Acid

Benefit

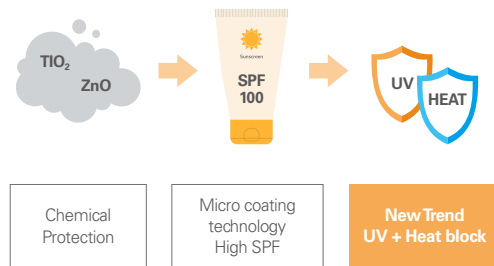
Anti-thermo, Cooling

COOLIN is the fermented natural extract from a mushroom that originated in Finland. Through the fermentation process and the metabolites produced, it works on TRPV1 modulating the temperature, and giving the soothing and cooling effect on the skin.

New solution

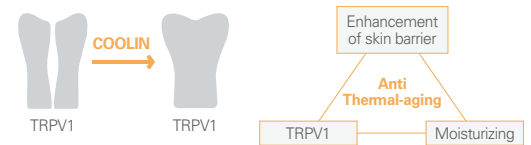
UV Protection Trend

90% of cell aging comes from sun



Anti-thermal Aging

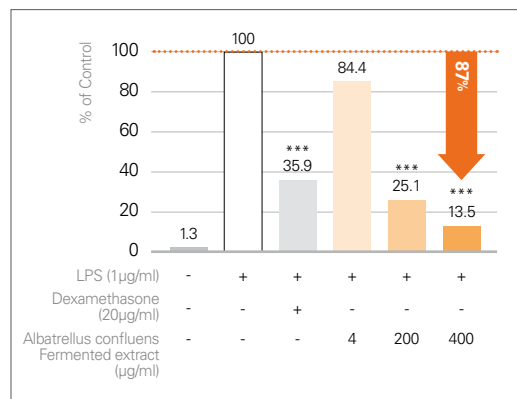
Decrease Heat Damage & Increase Elasticity



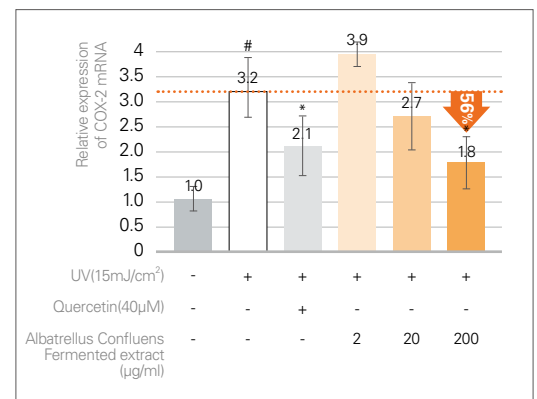
- Controls the thermo-aging progress by modulating TRPV1
- Inhibits Ca^{2+} influx which leads MMP-1 expression by modulating TRPV1
- Enhances thermo-damaged skin barrier with Fatty acid (oleic acid, linoleic acid)
- Supplies skin moisture with abundant Mineral

Feature

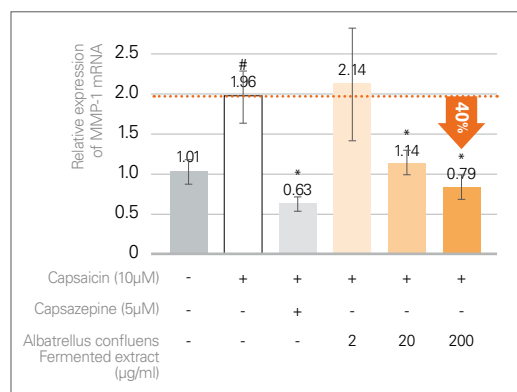
NO-assay(Anti-inflammation)



COX-2 gene expression(Anti-inflammation)



TRPV1 gene expression



Anti-calcium influx : Influx of Calcium Ion by Capsaicin stimulation is inhibited by Albatrellus confluens ferment extract

Capsaicin (5µM)	-	+	+	+	+
Capsazepine (µM)	-	-	5	-	-
Albatrellus confluens (µg/ml)	-	-	-	200	-
Albatrellus confluens Fermented extract(µg/ml)	-	-	-	-	200

[Ca²⁺]

