

VINIFEROL®

Slimming and Anti-Cellulite Ingredient
Grapevine *Epsilon*-Viniferin



**Fat Accumulation
Reduction**

**Adipogenesis
Reduction**

IN USE CONCENTRATION:
0.1 to 0.5% for Viniferol® (powder)
0.5 to 3% for Viniferol® 1% Sol (liquid)

VINIFEROL® is a Grapevine Extract from the wine region of Bordeaux.

Manufactured in France

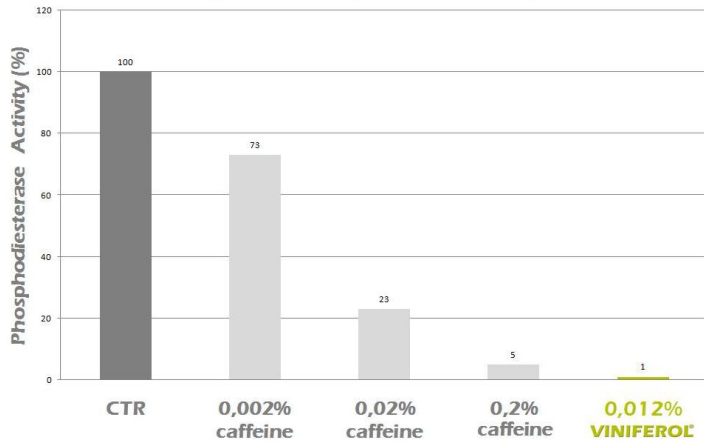


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Slimming Effects of VINIFEROL®

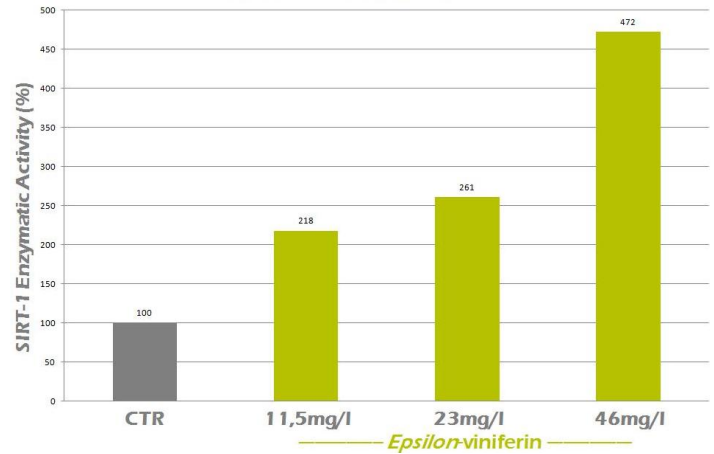
Phosphodiesterase Inhibition



VINIFEROL® is 15 times more active than caffeine on PDE 4 Activity Inhibition

PDE4 inhibition increases lipolysis

SIRT-1 Activation



Epsilon-Viniferin, the active ingredient of VINIFEROL® is a potent SIRT-1 activator

SIRT-1 activation increases lipolysis and decreases adipogenesis

Caffeine Free Slimming Cream

Phase	Raw Material	INCI Name	% Weight
A	Cetyl Alcohol C16	Cetyl Alcohol	2,00
	Beeswax White Quality	Beeswax (Cera Alba)	2,00
	Isohexadecane	Isohexadecane	8,00
	Ceramide HO3	Trihydroxypalmitamidohydroxypropyl Myristyl Ether	0,02
A'	Silicone Oil DC 345	Cyclomethicone	2,00
B	Pure Water	Water	58,33
	Glycerine	Glycerin	3,30
	Trilon B	Tetrasodium EDTA	0,05
C	Propylene Glycol	Propylene Glycol	1,20
	Methylparaben	Methylparaben	0,25
D	Pemulen TR 1	Acrylates/C10-30 Alkyl Acrylate Crosspolymer	0,30
	Carbopol 980	Carbomer	0,20
E	Lubragel MS	Glyceryl Polymethacrylate/Propylene Glycol	12,00
F	Breox PEG 400 Pharma	PEG-8	3,00
	Biosol	o-Cymen-5-ol	0,10
G	Sodium Hydroxide 10%	Sodium Hydroxide	1,00
H	Viniferol® 1% Sol	Butylene Glycol/Water / Vitis Vinifera (Grape) Vine Extract	1,00
I	Pentavitine	Saccharide Isomerate	4,00
J	Tocopherol Acetate	Tocopherol Acetate	0,25
K	Ronasphere LDP	Mica/Titanium Dioxide	1,00

Manufacturing Process

- Mix phase A ingredients and heat them to 80°C. Be sure that ceramide HO3 is well dissolved. Add A' just before making emulsion, to prevent silicone evaporation.
- Prepare water phase, by mixing well and heating phase B ingredients.
- Dissolve methyl paraben in propylene glycol of phase C, and add this phase to phase B.
- Add slowly by sprinkling whilst intensively mixing, first the Pemulen and then the Carbopol to the water phase. Mix well until gelling agents are completely dispersed. Then add Lubragel (phase E) and mix well.
- Dissolve Biosol in Breox and add the water phase.
- Add the Sodium Hydroxide solution and mix vigorously.
- Ensure the temperature of water phase (B+C+D) is 80°C. Whilst intensively mixing, slowly add the fatty phase (A+A'). Keep stirring vigorously for at least 10 minutes.
- When the emulsion is well formed and homogeneous, begin to cool the emulsion whilst intensively mixing.
- When the emulsion is below 40°C, successively add, whilst vigorously mixing, phases H, I, J and K.
- When the emulsion is well homogenized and below 30°C, stop mixing.
- Check the pH (5.0 to 5.5).