

Cocolatum

Moisturizing Skin Protectant



Extra moisturizing

Does not build up
on skin

With natural
antibacterial property



Raw material verified by ECOCERT GREENLIFE, conform to the COSMOS Standard.

Cocolatum

Moisturizing Skin Protectant

Cocolatum 501

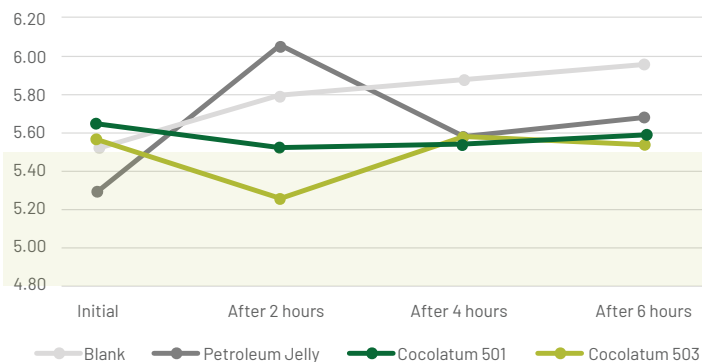
Cocoglycerides (and) *Cera alba* (Beeswax)
(and) *Euphorbia cerifera* (Candelilla) Wax

Cocolatum 503

Cocoglycerides (and) *Euphorbia cerifera*
(Candelilla) Wax (and) *Oryza sativa* (Rice) Bran Wax

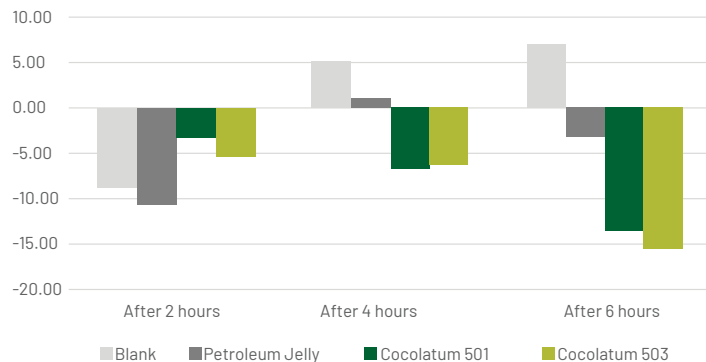


SKIN pH



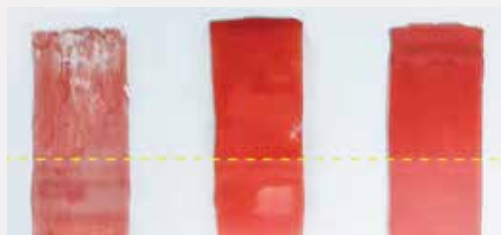
The graph above shows Cocolatum 501 and Cocolatum 503 have lowered the skin pH to the range of 4.7 to 5.75, which is the optimal pH of the skin.

ERYTHEMA (REDNESS OF SKIN)



Increasing erythema value indicates skin irritation. The graph above shows that Cocolatum 501 and 503 can lower the erythema (redness) of the skin.

WASHING OFF ABILITY

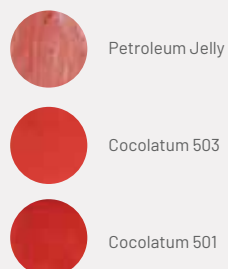


Petroleum Jelly Cocolatum 501 Cocolatum 503

The panel was immersed in a surfactant solution for 24 hours. The Cocolatum 503 sample washed off the panel most easily.

COLOR DISPERSION

INCREASING DISPERSING ABILITY



SPREADABILITY



Petroleum Jelly Cocolatum 501 Cocolatum 503

The samples were applied to the filter paper and left to spread for 5 minutes. Cocolatum 501 and 503 have good spreading ability against petroleum jelly.

SAMPLE FORMULATION EGG LIP BALM

MATERIALS	INCI NAME	%
Cocolatum 503	Cocoglycerides (and) <i>Oryza sativa</i> bran wax (and) <i>Euphorbia cerifera</i>	89.40
Candelilla Wax	<i>Euphorbia cerifera</i> wax	6.00
Cetyl Alcohol	Cetyl alcohol	2.00
Glyzer CT200	Caprylic/Capric/Lauric Triglycerides	1.00
Strawberry flavor	Flavor	0.50
Cream flavor	Flavor	0.50
Vitamin E Acetate	α -Tocopheryl Acetate	0.50
Red 6 Lake	CI 15850	0.10
		TOTAL: 100

PROCEDURE

Load Cocolatum 503, Candelilla wax, Cetyl Alcohol and Glyzer CT200 into a single vessel and heat. Continuously stir during melting until temperature reaches 65°C to 70°C and until appearance becomes homogeneous. Cool down to 40°C. Add in the flavors and colorants and continuously stir until homogeneous and no lumps of pigment remain.

PHYSICAL APPEARANCE

Appearance	Soft solid balm
Color	Pink