



# BIOCHEMICA<sup>®</sup> TURMERIC BUTTER

Spice up your formulation

**HALLSTAR**   
B E A U T Y

# BIOCHEMICA® TURMERIC BUTTER

Turmeric has been a key part of the Ayurveda lifestyle. Ayurveda is the science of life that understands the specific needs of mind and body wellness. Turmeric contains powerful antioxidant and anti-inflammatory properties due to its two active molecules Turmerone and Curcumin. This ingredient is growing in popularity across the globe as more consumers crave the proven medicinal benefits of this extraordinary spice.

## INCI NAME

Butyrospermum Parkii (Shea) Butter, Elaeis Guineensis (Palm) Butter, Cocos Nucifera (Coconut) Oil, Simmondsia Chinensis (Jojoba) Seed Oil, Curcuma Longa (Turmeric) Root Extract, Bisabolol

## BRAND NEW TURMERIC BUTTER

This newly-formulated butter from Hallstar's Biochemica® line encompasses the potent actives found in turmeric and blends the spice in a proprietary 100% organic butter base to deliver superior performance in moisturization, skin barrier function, and antioxidant benefits. This ALL-NATURAL butter containing a strong active package of turmeric and bisabolol is a great addition to numerous skin care applications.

## NATURAL SOURCING

Originating from India, the turmeric root has been used for more than 1500 years as a vital healer for numerous health conditions. This tuberous root, grown in southeast India, is known under the botanical name *Curcuma longa* and is a member of the ginger family. Turmeric requires heavy rainfall to thrive and farmers have depended on this plant for centuries for its popularity in food across the region. This extraordinary plant is well known to natives as one of the sacred spices and is included in multiple rituals, including an Indian bride beauty ritual to create glowing, soft skin.

Properties	UoM	Limits		
		Qualitative	Min	Max
Odor	-	Characteristic	-	-
Color	-	Light yellow	-	-
Melting Point	°C	-	40	50
Peroxide Value	meq/kg	-	0	15
Free Fatty Acid (as Oleic)	%	-	0.0	2.0
Iodine Value	cgl/g	-	45	65

## APPLICATIONS



Face masks



Face and neck care



Foot care



Lip care



Body care



Hair care



Hand care



Bar soaps

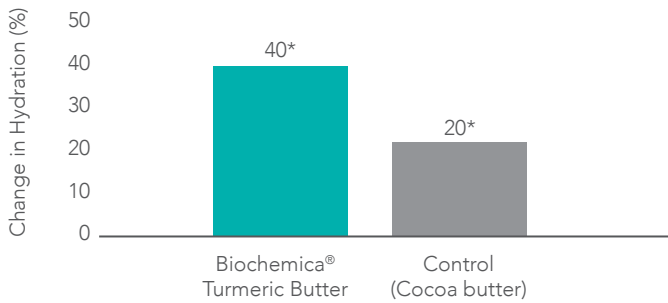
## BENEFITS

- Anti-inflammatory: contains proven anti-inflammatory properties from actives in turmeric extract and bisabolol
- Natural: all natural product with certified organic ingredients in butter base
- Moisturizer: fast acting against skin dryness to restore damaged skin
- Faster absorbing and non-greasy feel when compared to petrolatum
- Anti-pollution: improves skin barrier function to help protect skin against harsh elements



## FAST ACTING, FAST ABSORBING DEEP HEALING MOISTURE

MoistureMeterSC Results



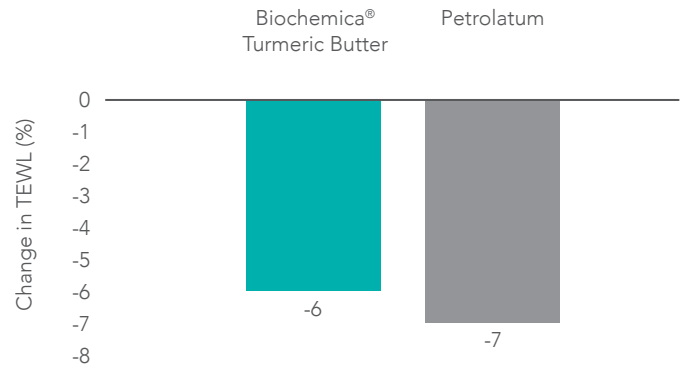
\*The moisture after 2 hours with Biochemica® Turmeric Butter is statistically higher than cocoa butter ( $p < 0.05$ )

Biochemica® Turmeric Butter contains active components that provide fast acting moisture treatment for everyday dry skin.

In a panel test to evaluate skin surface hydration levels, Biochemica® Turmeric Butter was measured against a control, cocoa butter. The study found that Biochemica® Turmeric Butter was significantly better at 2 hours against cocoa butter for having fast acting moisturizing properties.

## FAST ACTING HYDRATOR WITH SUPERIOR SKIN BARRIER FUNCTION

Transepidermal Water Loss (TEWL) Results

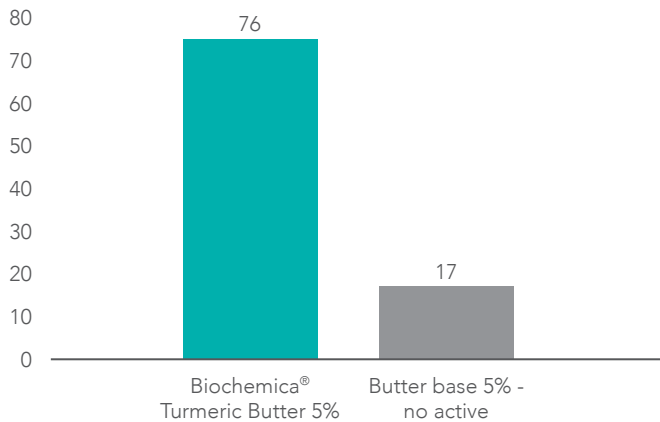


Healthy and hydrated skin starts with reducing water loss at the skin barrier. Biochemica® Turmeric Butter contains active components in the turmeric extract blended into a rich all natural butter base proven to reduce TEWL, increase skin barrier function, and help maintain the healthy skin against harsh elements of weather and pollution.

In a panel test to evaluate Transepidermal Water Loss (TEWL), Biochemica® Turmeric Butter was measured against industry standard, Petrolatum. The study found Petrolatum exhibited performance as expected and Biochemica® Turmeric Butter mimicked Petrolatum effectiveness at 2 hours.

## SKIN DEFENSE AGAINST AGEING POWERFUL ANTIOXIDANT

Percent Radical Scavenging\*



\*expressed as % decrease in DPPH

Biochemica® Turmeric Butter has substantial free radical scavenging activity, decreasing the absorbance at 515 nm by 76% compared to the butter base alone, which only decreased it by 17% when evaluated using a DPPH Antioxidant Assay.



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