

Hemp NECTA™

NOURISHING | SOOTHING

Made from upcycled hemp seeds diverted from food waste, Hemp NECTA™ is a nourishing & skin-soothing active oil with a standardised level of CBD.

MADE FROM
**UPCYCLED
HEMP
SEEDS**

1KG OF HEMP NECTA™
CONTAINS THE OIL OF
300,000
UPCYCLED HEMP SEEDS;
A BY-PRODUCT OF
THE FOOD INDUSTRY

IDEAL FOR
**SKINCARE &
HAIRCARE**
APPLICATIONS



**THE
UPCYCLED
BEAUTY
COMPANY**

Hemp NECTA™

A NOURISHING & SKIN-SOOTHING ACTIVE OIL MADE FROM 300,000* UPCYCLED HEMP SEEDS

Hemp seed oil from Cannabis sativa L. is a very rich natural source of essential nutrients, known to deliver multiple benefits to the skin. Made from upcycled hemp seeds that would otherwise go to waste, Hemp NECTA™ is a unique hemp seed oil with a standardised level of CBD. It is naturally loaded with various other cannabinoids, essential fatty acids, flavonoids, terpenoids and phenolics which help to play a role in the nourishing and strengthening of the skin barrier. It is particularly rich in linoleic acid.

Ideal for sensitive and reactive skin, Hemp NECTA™ has been proven to rapidly reduce erythema in as little as 30 minutes and continues to soothe skin and reduce redness over time.

*Approx. figure based on 1kg oil.

BENEFITS

- Standardised level of natural CBD content
- Made from a hemp variety selected due to having the highest CBD content in the seeds
- Proven to rapidly reduce redness (after just 30 minutes) & continues to soothe skin over time
- Rich in linoleic acid and other skin-essential fatty acids
- Great for skin, hair & body care applications
- Sustainably sourced and produced

A NEW APPROACH

The hemp seeds used to make Hemp NECTA™ are a waste product of the food industry. Instead of these nutrient-rich seeds going to waste, we upcycle them; resulting in a high quality, natural and sustainable hemp seed oil without compromise.



INCI Name: Cannabis Sativa Seed Oil* 100%

Appearance: Light green liquid

Suggested Use Level: Unrestricted, 1 - 3% recommended

Suggested Application: Skincare (Face & Body), Hair Care, Colour Cosmetics, Lip Care

Degree of Naturality ISO 16128: NOI 1 | NI 1

COSMOS: Conforms

Country of Origin: UK

* Cannabidiol optional addition to INCI name



COSMOS
APPROVED



Hemp NECTA™ UPCYCLING PROCESS



Finola is grown for its seeds and fibres for use in food and fabrics. The seeds are harvested by hand



PRODUCT 1: THE OIL

The seeds are then pressed into oil for resale to the food industry



Unfortunately, a large proportion of these seeds are rejected as they are out of spec for food use



PRODUCT 2: THE ACTIVE

Oil is extracted from the seeds via cold pressing
300,000 upcycled seeds = 1kg Hemp NECTA™

STANDARDISED LEVEL OF CANNABIDIOL

Hemp NECTA™ contains a standardised level of natural CBD content.

Cannabinoids have been shown to have a potential role in treatments for several inflammatory conditions, including potential to act as a therapeutic agent for the treatment of acne vulgaris.

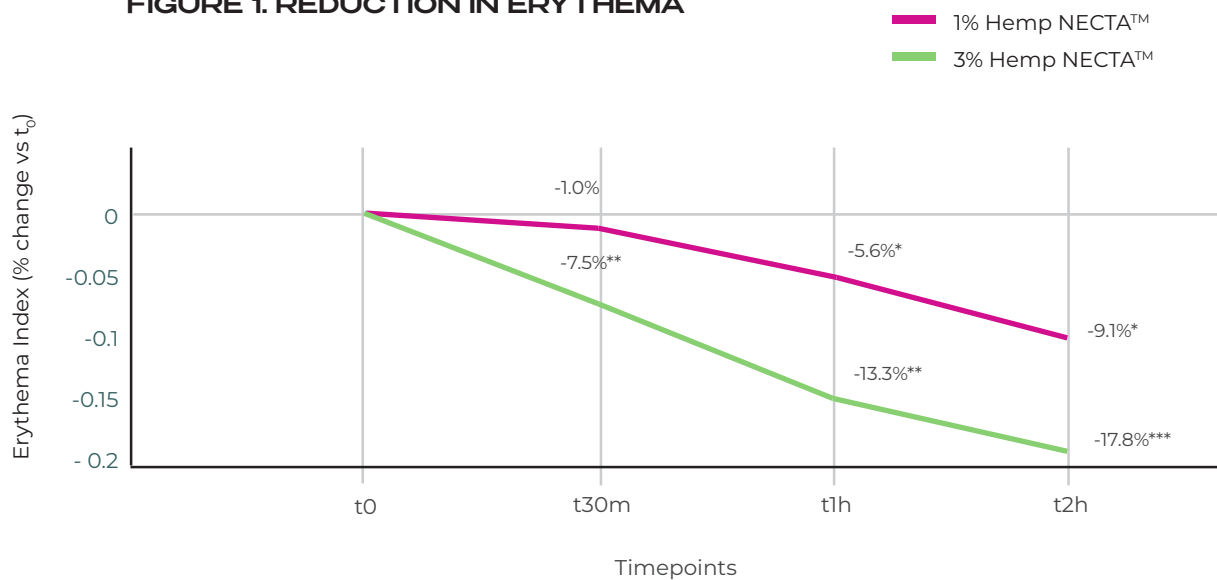
**HEMP NECTA™ CONTAINS:
> 50PPM
OF CANNABIDIOL (CBD)**

SOOTHING STUDY

An in vivo study was conducted to determine Hemp NECTA™'s role in reducing skin erythema. A solution containing 2% SLS (sodium lauryl sulfate) was applied to the skin in order to induce irritation, before being treated with Hemp NECTA™ (tested at 1% and 3%). The soothing activity of Hemp NECTA™ was evaluated after 30 minutes, 1hr and 2hrs using a Mexameter®. **Figure 1 reveals a rapid reduction in erythema after just 30 minutes** (3% Hemp NECTA™). There was also a **17.8% reduction in erythema after 2 hours**, proving that it continues to soothe skin and reduce redness over time vs. the placebo.

**SOOTHES REDNESS
TWICE AS FAST AT 1%
(OR 4X FASTER AT 3%)†**

FIGURE 1. REDUCTION IN ERYTHEMA



* p<0.05/ **p<0.01/ *** p<0.001

†vs. placebo

ULTRA-HIGH SOURCE OF LINOLEIC ACID

Hemp NECTA™ helps play a role in the nourishing and strengthening of the skin barrier, thanks to its high linoleic acid content - the most prevalent fatty acid in Hemp NECTA™.

Linoleic acid can also significantly benefit acne-prone skin and help to balance the skin's natural

sebum consistency; studies show that acne patients in particular have low levels of linoleic acid in their skin surface lipids.

Oils high in linoleic acid also work to nourish and protect the skin without being too heavy.

ACTIVE COMPOUNDS WORKING IN SYNERGY

In addition to cannabidiol (CBD), Hemp NECTA™ contains other skin-enhancing cannabinoids which contribute to the overall beneficial effects of the oil.

Hemp NECTA™ also contains high levels of essential fatty acids, in addition to flavonoids, terpenoids and other phenolics.

All of these compounds work in synergy to provide essential nourishment.

Studies show that cannabidiol (CBD), stearidonic acid and palmitoleic acid (in particular) offer numerous anti-inflammatory benefits.

ANTIOXIDANT DATA

ORAC TEST

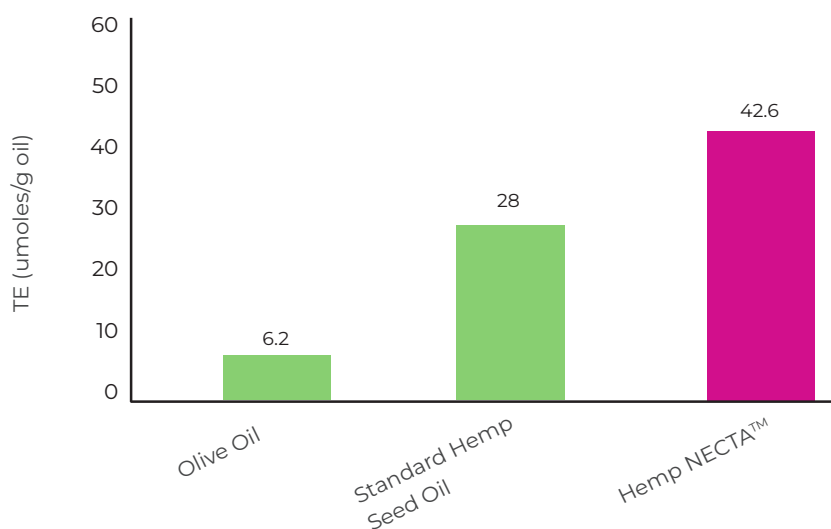
Hemp NECTA™ was tested using the ORAC method in order to measure antioxidant capacities in biological samples *in vitro*.

RESULTS

Hemp NECTA™ had the highest ORAC value of 42.6 $\mu\text{molTE/g oil}$ - **52% higher than standard hemp seed oil.**

FIGURE 2. ORAC VALUES OF COLD-PRESSED OILS

TE stands for the trolox equivalents.



Sources: Results based on a name brand olive oil with the highest ORAC value. Data for standard hemp seed oil from Radical Scavenging Properties of Cold-Pressed Edible Seed Oils, John W. Parry, Kequan Zhou, Liangli (Lucy) Yu, 2005. Hemp NECTA™ data from ORAC study.



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