



DECARO & WEI Center for Advanced Technology



## ORGANIC SLEEP AID x OP

# Restorative Sleep Supplement

Full Spectrum Cannabinoids and Terpenoids  
with Orange Peel Compounds in Organic MCT Oil

DWCAT is a technology based company that was founded in 2018. Our Mission is to develop innovative technologies and create unique products based on in-depth study of naturally occurring processes or systems. We were granted a patent for our FASTECH Technology in April 2020.





## FASTECH BENEFITS



### ONE-STEP PROCESS

Process time measured in hours

Robust, repeatable, reliable, scalable, closed loop process

Green technology, environment friendly



### UNADULTERATED EXTRACTION

Direct transfer of herbal compounds and essential oils to USDA organic liquid carrier

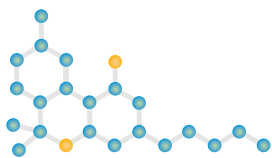
Great taste



### PRESERVE HERBAL POTENCY

All soluble natural ingredients

Fast-acting



## SOLUBLE INGREDIENTS

### EFFICIENCY

Cannabis and Orange Peel (OP) compounds are solubilized in the organic oil carrier, resulting in **FAST uptake into bloodstream.**



### LOW DOSE

**ORGANIC SLEEP AID x OP** is a cannabis therapy that is gentle to the body and supports a good night's sleep. The Orange Peel compounds provide great aroma, taste, and cardiovascular benefit.



### ENTOURAGE EFFECT

Cannabis flower contains THC, terpenes, and flavonoids in a balanced ratio as it is in nature.

The **FASTECH** process gently extracts cannabis and Orange Peel compounds directly to the MCT oil carrier.

The resulting cannabis infused oil contains THC and "supporting cast" with ratios intact.

**As it was in the plant, is  
how it is in the oil.**



## SCIENTIFIC EVIDENCE

### PAIN RELIEF

*THC has been found to be effective in reducing chronic pain, especially in cases of neuropathic pain.*

~Journal of Pain, 2015

### MOOD AND COGNITION

*THC has been found to affect mood and cognitive function in healthy individuals, as well as working memory and attentional performance.*

~Psychopharmacology, 2012

### CARDIOVASCULAR DISEASE MITIGATOR

*Our findings suggest that feruloylputrescine present in orange peel has the potential to prevent and treat cardiovascular disease.*

~Journal of Agricultural and Food Chemistry, 2024

### **"MARIJUANA IN ITS NATURAL FORM IS ONE OF THE SAFEST THERAPEUTICALLY ACTIVE SUBSTANCES KNOWN TO MAN"**

~Dr. Lester Grinspoon - Harvard Medical School Professor Emeritus

### **"THE CANNABINOID SYSTEM IS A VERY IMPORTANT SYSTEM OF NEUROTRANSMITTERS THAT HAVE WIDESPREAD IMPLICATIONS IN MANY AREAS OF MEDICINE, INCLUDING THE TREATMENT OF PAIN, ANXIETY, DEPRESSION, AND INFLAMMATION"**

~Dr. Ethan Russo - Neurologist and Psychopharmacology Researcher