



DECARO & WEI Center for Advanced Technology



ORGANIC SLEEP AID x OP

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

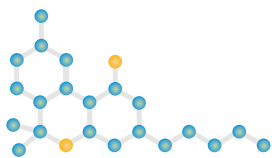
Great taste



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