

# NURIV CREATING IMPOSSIBLE PRODUCTS





# FROM SEED TO FINISHED PRODUCT



Nuriv utilizes natural Hemp from organic sources that contain high levels of Cannabidiol (CBD). It all starts with the seed, farming to harvest all the way to processing your finished product in a USDA certified facility. Our farms are grown domestically, not sourced across borders. Nuriv products are cGMP and manufactured in a USDA, Organic, Star K Kosher facility

## CBD and Safety

Our CBD is grown and processed to meet regulatory compliance specification. Nuriv finished CBD products are developed and manufactured in accordance to published and peer reviewed scientific studies to assure dosing and formulation adhere to safety and toxicology to warrant no adverse effects. Studies show, doses, such as 10, 20 and 30mg per serving of non-synthetic CBD are safe and no toxicity observed. It is recommended to discuss with your doctor when taking CBD and CBD in conjunction with other prescription medications.<sup>1, 2, 3, 4, 5</sup>

<sup>1</sup> [www.ncbi.nlm.nih.gov/pubmed/31161980](http://www.ncbi.nlm.nih.gov/pubmed/31161980)

<sup>2</sup> [www.ncbi.nlm.nih.gov/pmc/articles/PMC5569602/](http://www.ncbi.nlm.nih.gov/pmc/articles/PMC5569602/)

<sup>3</sup> <http://dmd.aspetjournals.org/content/39/11/2049.long>

<sup>4</sup> Mincis M, Pfeferman A, Guimarães RX, et al. Chronic administration of cannabidiol in man. Pilot study. *AMB Rev Assoc Med Bras* 1973; 19(5): 185-90.

<sup>5</sup> Cunha JM, Carlini EA, Pereira AE, et al. Chronic administration of cannabidiol to healthy volunteers and epileptic patients. *Pharmacology* 1980; 21: 175-85.

“Chronic oral administration of 10mg CBD daily for 21 days did not induce any changes in neurological (including electroencephalogram (EEG)), clinical (including electrocardiogram (EKG)), psychiatric, blood or urine examinations<sup>[4]</sup>. Likewise, oral CBD administration in healthy participants (3mg/kg bw daily for 30 days) and in epileptic patients (200-300mg daily for 135 days) was well tolerated and no signs of toxicity or serious side effects were detected on neurological and physical examinations, blood and urine analysis, or EKG and EEG, which were performed at weekly intervals<sup>[5]</sup>.”

<sup>4</sup> Mincis M, Pfeferman A, Guimarães RX, et al. Chronic administration of cannabidiol in man. Pilot study. *AMB Rev Assoc Med Bras* 1973; 19(5): 185-90.

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# NURIV CBD CAPABILITIES

## **Dry Powders with high load of CBD Full Spectrum Oils, Patents and Patents-pending apply. In-house spray drying using rotary atomizer.**

- Spray dry microencapsulation for CBD Full Spectrum oils and Distillates:
  - 30% Full Spectrum or Distillate oil
  - CBD Coffee Powders and CBD Coffee Creamer Powders
  - CBD and DHA Omega 3 Powder
  - CBD, DHA Omega 3, Astaxanthin Powders
  - CBD and MCT form Coconut Powders, Coffee and Coffee Creamers...and many more
- Agglomeration for instant dissolving for stick packs, tablets and pouches etc..
  - Up to 20mg CBD with flavor and other nutrients, vitamins etc in an easily dissolved powder for stick-pack, pouches or tubs

## **Esolv® CBD Liquid Emulsions, Patents and Patents-pending apply**

- Microencapsulation of CBD liquid emulsions for finished products with good flavor
- Microencapsulation of CBD liquid emulsions for further processing
- Nanotechnology of CBD liquid emulsions for further processing clear type applications

## **Finished product co-packing and bulk manufacturing as well as complete product development R&D in-house.**

- 2 co-packing lines, to product CBD Shots, up to 30mg per shot with amazing flavor
- CBD Beverages to product up to 20mg CBD per beverage, 8, 10, 14 or 16oz
- Multi serving CBD applications up to 32oz
- Creamy, great tasting CBD emulsions, multi-serving, yogurt consistency and smoothies, up to 45 servings in a bottle. 5, 10 and 15ml serving size. 2oz, 8oz and 16oz bottles
- 5, 10 and 15ml pouches with CBD emulsions and liquid, single serving pouches in a 30 day serving box
- Aseptic, high acid, low ph fill no preservative, hot fill no preservative or cold fill with preservative

### DRY POWDERS



### EMULSIONS



### BEVERAGES & SHOTS





**nURIV**

Full Spectrum Hemp Formulations

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