



## CONFIDENTIALITY STATEMENT

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A Colorado Corporation

# WHO WE ARE

Established in 1998 R2 Innovations Incorporated, a global leader in cannabinoid derived aerosol technology, creates, formulates and manufactures innovative consumer facing products for the sports, active lifestyle and legal tobacco, medical and recreational cannabis industries globally.



# THE SCIENCE & PROCESS

In addition to high potency distillates, R2 owns the exclusive global rights to a proprietary, water soluble, micelle technology known as Purzorb® / Hempzorb81™ (*patents pending*). R2 is positioned to deliver high potency, water soluble nicotine and full and broad-spectrum cannabinoid products utilizing this technology.

R2's proprietary, aerosol manufacturing processes observe EPA, FDA and regulatory guidelines, and all ingredients are FDA, GRAS compliant by the Natural & Non-Prescription Product Group and produced in cGMP compliant facilities that employ pharmaceutical grade equipment, components, and processes. R2's aerosol formulation technology and processes deliver a truly differentiated offering to its customers, elevating their customers and client's brands in the global marketplace.



# Our Products

THE AEROSOL ADVANTAGE

aer·o·sol

/ˈerə,sɒl/

*Noun*

*A substance enclosed under pressure  
and able to be released as a fine spray  
typically, by means of a propellant gas.*



# Our Products

DISCOVER THE AEROSOL ADVANTAGE



Atomizers / Inhalers  
5 - SKU's



Sublingual Sprays  
5 - SKU's



Topical Sprays  
3 - SKU's



# Inhalers / Atomizers



## FUNCTIONAL

Remedy Specific Formulations

- **Balance**  
Mind & body, harmony, overall well-being.
- **Energy**  
Active lifestyle, exercise, recovery
- **Focus**  
Cognitive response, mental alertness, stamina
- **Relax**  
Stress & anxiety management, calm
- **Sleep**  
Stress management, relaxation, rest, natural sleep



# Still Doing This?

DISCOVER THE AEROSOL ADVANTAGE





# Aerosol Tinctures



## FUNCTIONAL

### Remedy Specific Formulations

- **Deep ZZZ's**  
All-natural, 30+ Terpene blend (CBN + CBG)
- **M.E.L.T.**  
Lean and trim formula (CBD + THCv)
- **MOOD LIFT**  
Energy and focus; Bye-bye blues
- **RELIEF RESCUE**  
Recover; Refresh and renew
- **PEACE OUT**  
Anti-anxiety; Chill, relax and unwind



# Meet The Next Generation of Tinctures



M.E.L.T. Lean & Trim Label

Receptor Specific Formulations

M.E.L.T. Lean and trim formula

- Metabolism
- Energy
- Lean
- Trim
- CBD + THCv
- Kratom and Kava (*available upon request*)



# Topical Sprays



## FUNCTIONAL

Remedy Specific Formulations

- **Total Body RELIEF Spray**  
Pain Management, muscle aches, pains and cramps, joint discomfort, soreness, improved circulation, mobility & flexibility
  - CBD, Menthol, Camphor, Lidocaine, Eucalyptus, Arnica, Peppermint, Capsaicin, Wintergreen, Calendula
- **Refresh Total Body Spray**  
Healthy skin, firming elasticity, facial moisture and hydration, daily skin rejuvenation restoration, natural repair & suppleness
  - Lavender
  - Seabreeze



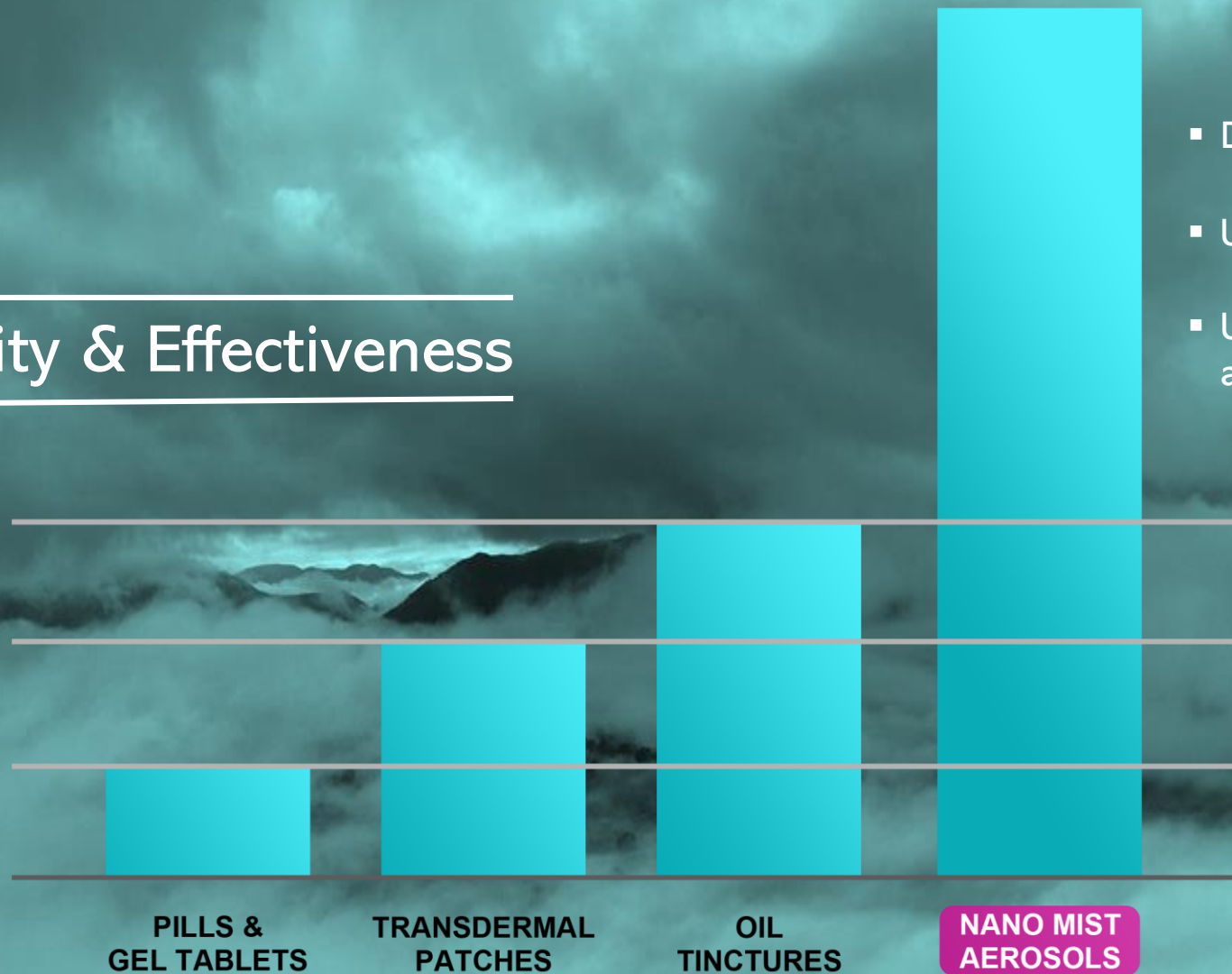
# Nano Mist™ Concentrate Aerosols

## Product Sell Points and Benefits:

- Pharmaceutical Grade, Nano Mist Aerosol (Inhaler, Sublingual, Topical)
- Proprietary, Micelle Cannabinoid Technology (CBD and THC)
- 100 to 200+ precise, metered sprays/doses per 14, 20 and 60 mL canisters
  - @ 1,000 mg CBD or THC = 5.0 mg THC per dose
  - @ 1500 mg CBD or THC = 7.5 mg THC per dose
  - @ 2000 mg CBD or THC = 10.0 mg THC per dose (Adult Use Dose)
- Nano Mist provides fast acting, quick onset, with maximum uptake and absorption
- Discreet and convenient; ready to use (unlike Vapes, Tinctures and Lotions)
- Natural GRAS ingredients, aromas, flavors, and botanical, live resin terpene profiles
- Remedy specific formulations available (+ THCV, CBV, CBG, CBN, CBD, CBC, THC Terpene Blends, etc.)
- MOQ's: 2,500 units to 10,000 units initial purchase order
- Turn-key formulation, manufacturing and fulfillment; including labels, packaging and logistics
- Entire manufacturing equipment lines and licensing opportunities available



# Bioavailability & Effectiveness



- Discrete accurate dosing
- Up to 52% more effective
- Up to 10 times greater absorption & bioavailability



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# Aerosols: How Do They Work?

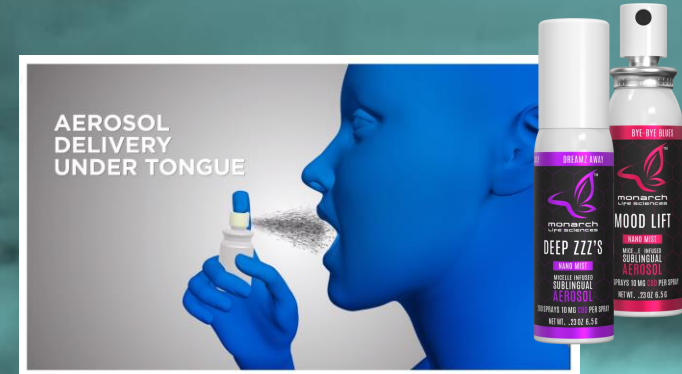
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R2's Nano Mist, Aerosols (atomizer/inhalers and oral sprays) are formulated to deliver accurate and consistent, metered sprays directly to the blood stream.

Nano Mist provides optimum bio-availability and increased uptake, maximum absorption, more effective release and quicker onset.



[Click to watch Atomizer/Inhaler Video](#)



[Click to watch Sublingual Video](#)



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# Cannabinoids

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R2 uses these naturally occurring compounds found in the Cannabis sativa plant. Cannabinoids exert their effects by interacting with specific cannabinoid receptors present on the surface of cells. These receptors are found in different parts of the central nervous system and the two main types of cannabinoid receptors in the body; CB1 and CB2.

## Example Cannabinoids



Cannabidiol  
CBD



Tetrahydrocannabinol  
THC



Cannabigerol  
CBG



Cannabinol  
CBN



Tetrahydrocannabivarin  
THCV



Cannabidivarin  
CBDV



Cannabichromene  
CBC



Cannabidiolic Acid  
CBDA

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# Botanical Ingredients

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R2 uses plant-based ingredients; herbs, Botanicals. Plant derived botanicals are valued for their medicinal and therapeutic properties, flavor, and scent. Herbs are a subset of botanicals. R2 produces aerosols made with botanicals to maintain or improve health and wellness through remedy specific formulations.

## Example Botanical Ingredients



Lomatium



Rosemary



Holy Basil



Rose Hips



Elderberry



Green Tea



Turmeric



Chamomile



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# Botanical Terpenes

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R2 uses novel, botanical Receptor-Specific™ formulations, engineered to activate specific receptors in our body. These receptors are associated with important physiological processes such as focus, sleep, pain, inflammation, anxiety and mood management. Terpenes elevate cannabinoids natural flavors to create aromatic and flavorful experiences.

## Example Botanical Terpenes



Myrcene



B-Caryophyllene



A-Bisabolol



A-Humulene



Limonene



Linalool



Pinene



Terpinolene

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## Eybna Botanical Terpenes

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R2 proudly offers terpenes manufactured by Eybna and their dedicated Israeli Team. Eybna is not only focused on educating the cannabis industry about the different components that make up the complex aromas of phenotypes, but also the full medicinal potential of the vast array of cannabis and botanical terpenes. The end result of which is Eybna delivering a “higher-resolution” Receptor-Specific™ terpene product.



About Eybna



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## Remedy Specific A to Zinc

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A powerhouse of vitamins, minerals and natural and plant-based ingredients may be formulated and added to your oral sprays to boost, balance and optimize the body's natural defense and overall immune system, promoting a healthy inflammatory response.



Vitamin A



B Vitamins



Vitamin C



Vitamin D



Zinc

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## Ingredients & Information

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R2's proprietary, aerosol manufacturing processes observe FDA and regulatory guidelines and all ingredients are FDA, GRAS compliant by the Natural and Non-Prescription Products Group and produced in cGMP compliant facilities that employ pharmaceutical grade equipment, components, and processes.



HFA 134a  
Tetrafluoroethene  
Propellant

### EXAMPLE

**INGREDIENTS:** CANNABIDIOL (CBD) AND CANNABIGEROL (CBG) FROM FULL SPECTRUM HEMP EXTRACT, OCIMENE AND CARYOPHYLLENE TERPENES, VITAMINS A, B-12, B-COMPLEX, C, D, ZINC, L-THEANINE, GINSENG, MAGNESIUM, TAURINE, PLANT STEVIA EXTRACT (SWEETENER), ELDERBERRY FLOWER, HERB AND BOTANICAL PLANT-BASED EXTRACTS AND BERRY EXTRACTS (FLAVOR). HFA 134A; TETRAFLUOROETHANE PROPELLANT.

**CAUTION:** KEEP AWAY FROM CHILDREN. CONTENTS UNDER PRESSURE. KEEP AWAY FROM OPEN FLAME. STORE AT ROOM TEMPERATURE BETWEEN 66°-78°.

**FDA DISCLOSURE:** THIS PRODUCT AND ITS INGREDIENTS HAVE NOT BEEN EVALUATED BY THE FDA AND ARE NOT INTENDED TO TREAT, CURE, DIAGNOSE OR PREVENT ANY CONDITION, DISORDER, DISEASE, OR PHYSICAL MENTAL CONDITION.



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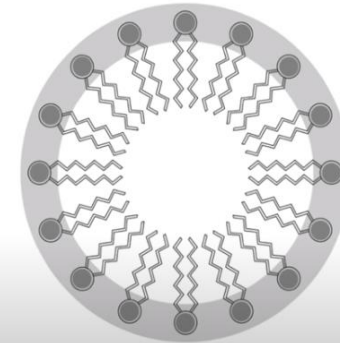
## What is a Micelle?

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R2's Nano Mist Aerosols use a proprietary, water-soluble product and formulation process known as micelle technology. A micelle is a spherically shaped grouping of amphiphilic molecules contained in a liquid (Water). These super-molecular assemblies form due to the molecules having a polar end that likes water and a non-polar end that likes oil. Learn more by watching the video.

### WHAT IS A MICELLE?



[Click to watch video](#)

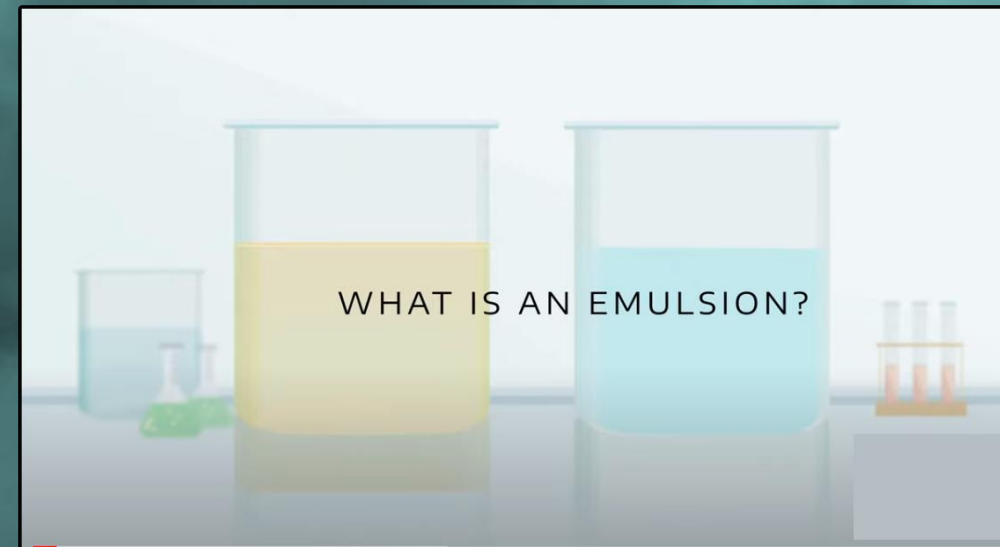


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## What is a Nano Emulsion?

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R2's Nano Mist, Aerosols do not use Nano-Emulsions. Nano emulsions are prepared by the spontaneous emulsification method (titration method). They can be prepared simply by blending oil, water, a surfactant, and cosurfactant. Nano-emulsions are thermo - dynamically unstable systems, in contrast to Micelle processes, due to most nano-emulsions requiring significant energy to be formed. Micelle Technology delivers product stability.



[Click to watch video](#)

# Recognition

R2 Aerosol Atomizer / Inhaler

2020 Best New Product

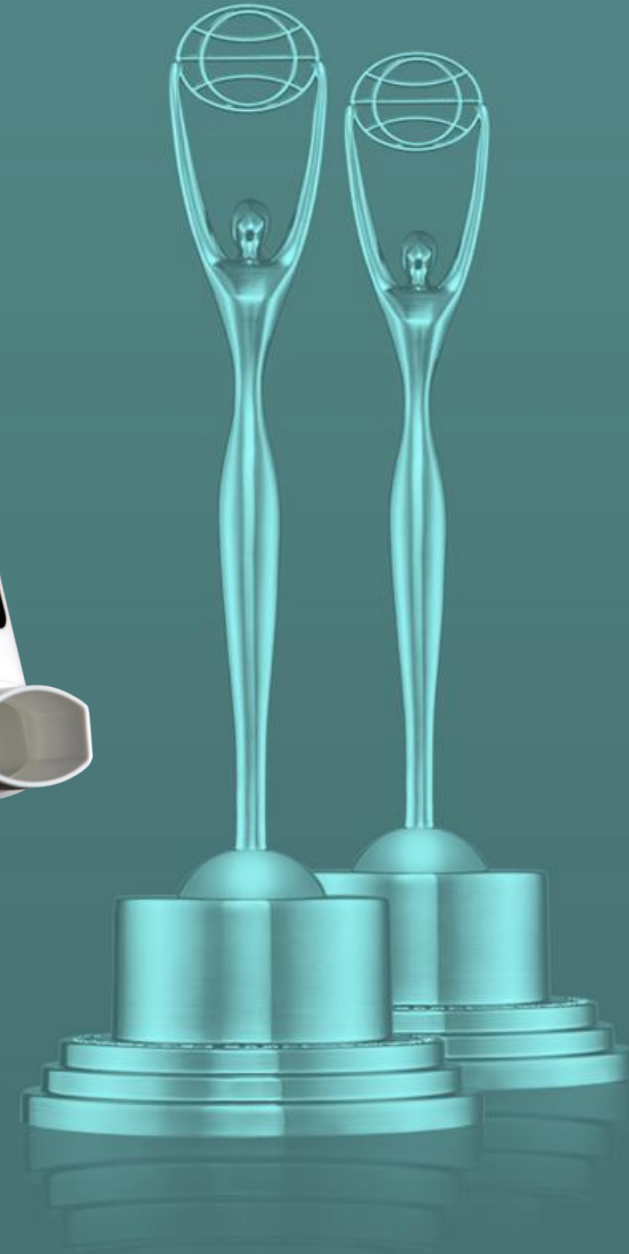


International Award

2018 Best New Invention



National Award



# New For 2022

*“Concentrates are expected to have larger market shares (at the expense of flower and pre-rolls) in 2022.”*

*- Real Money 2021*

*“Consistency in quality and in dosing is a challenge with cannabis.”*

*- U.S. Food and Drug Administration*



**AVAILABLE Q4 2022**

*Patent Pending, Metered Dose Sublingual Aerosol Device.*





# New From R2

*Additional innovative, non-aerosol  
product offerings exclusively from R2.*

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# INNOVATE • REPEAT

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2022



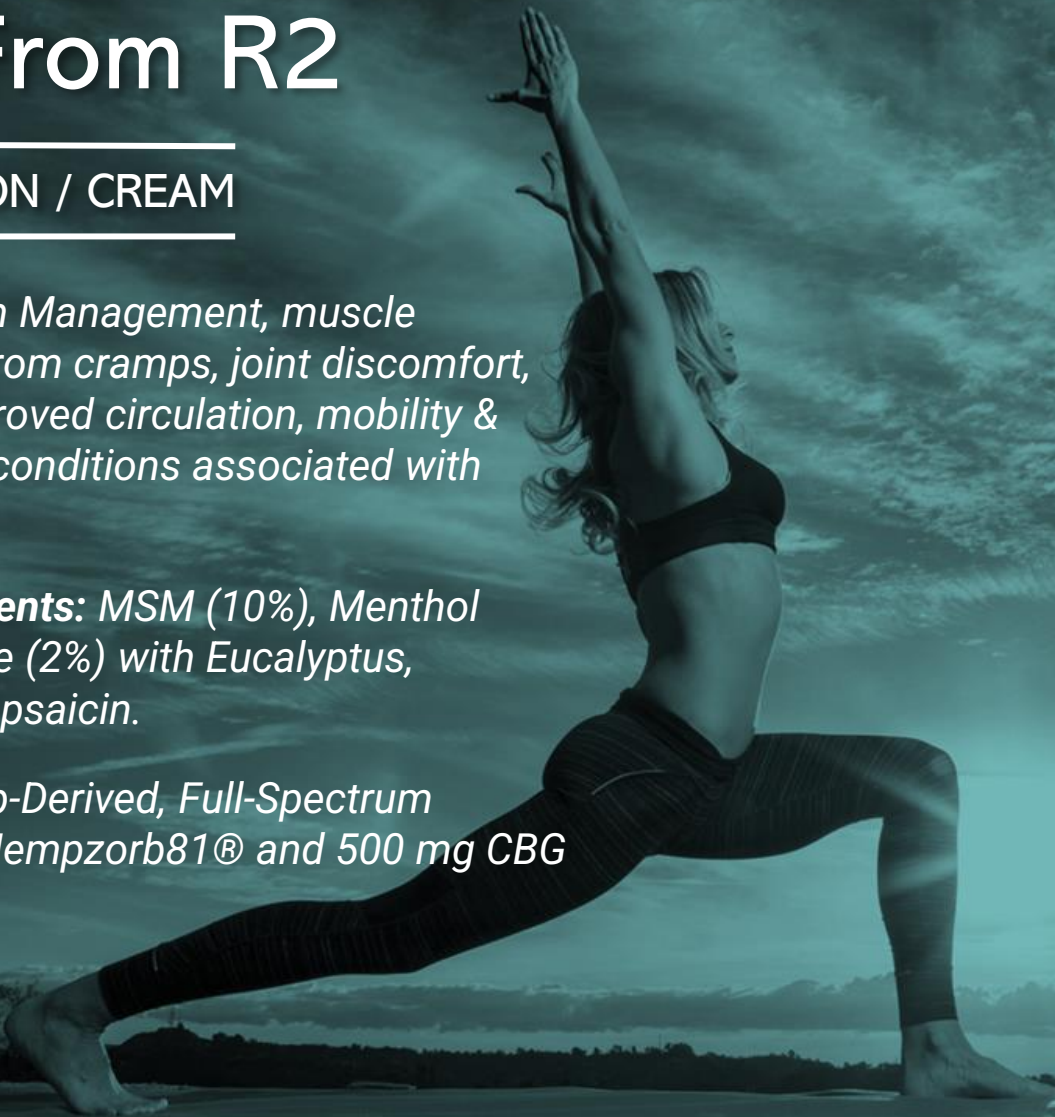
# New From R2

## RELIEF LOTION / CREAM

**Supports:** Pain Management, muscle aches, pains from cramps, joint discomfort, soreness, improved circulation, mobility & flexibility and conditions associated with arthritis.

**Active Ingredients:** MSM (10%), Menthol (4%), Lidocaine (2%) with Eucalyptus, Camphor & Capsaicin.

2500mg Hemp-Derived, Full-Spectrum CBD, 500mg Hempzorb81® and 500 mg CBG



# New From R2

## PET HEALTH DROPS



All natural, 100% Pure Omega-rich, Salmon and Pollock, fish oils to ensure product safety for animal ingestion and addition to any foods.

### Benefits:

- 100% Omega Fish Oils (**NO MCT**)
- 600mg & 1200mg options.
- Full-spectrum cannabinoids; CBD + CBG
- Supports muscle & joint health and mobility naturally
- Great for your pet's skin & coat
- Value size 60ml (2oz.) larger bottle (60+ doses)



# New From R2

## AQUAVITA BEVERAGE INFUSION

*Aqua Vita™ Green Tea and Coffee infusions are ideal for convenient daily use with any hot or cold beverage.*

### **Supports:**

*Enhanced bioavailable CBD delivery & fast absorption, organic hydration, daily wellness, energy, blood sugar management, digestion, balance.*

### **Benefits:**

- 2,000mg Full-spectrum (FSO) Hemprzorb81™ Micelle Purzorb® CBD
- 20 servings of ~100mg FSO, CBD per use
- 100% Natural Green Tea and 100% Arabica Coffee
- Zero sugar & zero calories
- 100% Natural green tea and coffee

Don't change what you drink,  
**INFUSE IT!**



Great with Sports Drinks



Super charge your coffee



New From R2



**TRU  
RÜT**

CRAFT  
**GINGER  
SOCIAL  
BREW**



*A hand-crafted, all natural, alcohol-free Ginger Beer, brewed in Colorado. TRU RÜT uses, advancements in micelle, and nano-emulsion, water soluble technology, delivering optimal uptake and bioavailability and a 15-30 minute onset. TRU RÜT has been formulated as an RTD beverage for the mass consumer marketplace and the Cannabidiol (CBD) and legal Marijuana (THC) industries nationwide.*



New From R2

**air**<sup>2</sup>™ *Vapor  
Inhaler*

*The first of its kind, receptor specific,  
botanical formulated, aerosol inhaler.*

**Benefits:**

- No Oil, No Battery, No Heat, No Smoke.
- Discreet, Use Anywhere, Any Time.
- Accurate, Consistent, Metered Dosing.
- Available for Cannabis, Hemp and Nicotine

**“BREATHE EASY.  
We’ve got this.”**



# Recreational States

R2 is actively looking for licensing partnerships in all 15 legal recreational/adult use states, and Florida, Ohio, Oklahoma, Washington, Pennsylvania, Michigan and Minnesota.



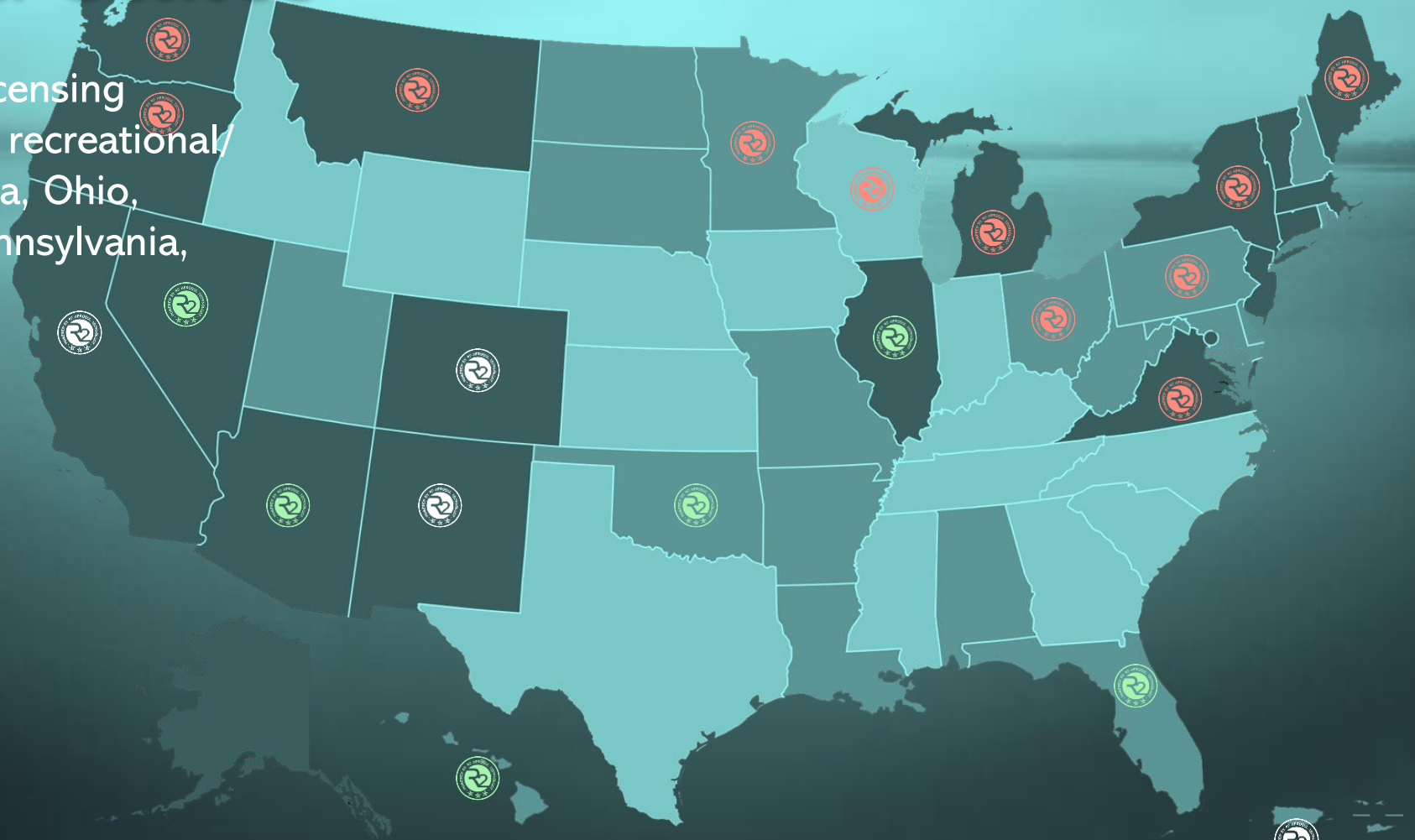
Current Licenses



Pending Licenses



Available Licenses



# THANK YOU

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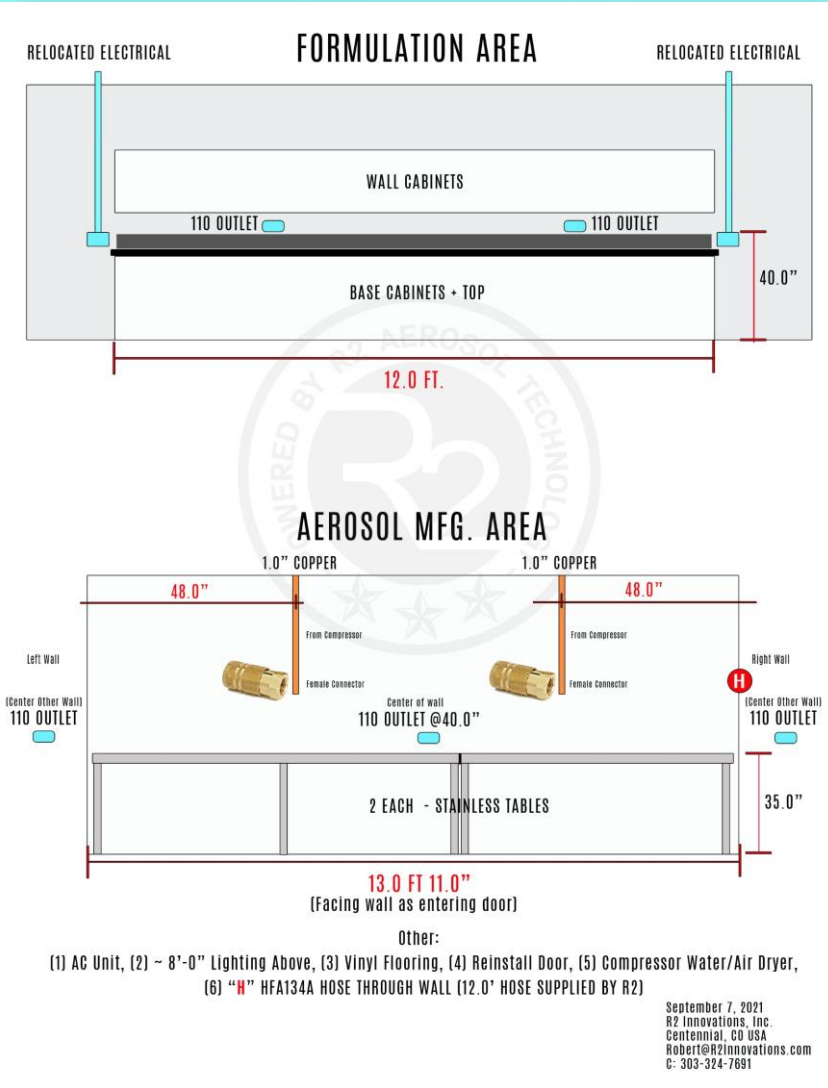
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LABS



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SET-UPS



FORMULATION WORKSTATION



AEROSOL CRIMP AND FILL STATION



FORMULATION WORKSTATION



WORK AREA / CUSTOM CABINETRY