



Theory Nano Emulsion using ANxtra G2 emulsifier – Theory nano emulsions using ANxtra G2 emulsifier are GRAS, non-GMO, vegan, and contain no sugar, artificial colors or flavors. Nano emulsions are processed using high pressure homogenization, a technique which imparts no taste and leaves no traces of heavy metals. Theory nano emulsions are kinetically stable and ideal for manufacturers wishing to create unique beverages, edibles and topicals.

CHEMICAL COMPOSITION	
Carrier Oils	< 15%
Emulsifiers	< 15%
Preservatives	< 1%

PHYSICAL PROPERTIES	
pH	4 to 6
Taste	Pure cannabinoid flavor
Color	Milky amber in bulk
Consistency	Low viscosity liquid
Specific Gravity	1

NUTRITION INFORMATION	
Nutrients	PER 25 mg CBD Serving
Calories (kcal)	0.58
Fat (g)	0.074
Saturated Fat (g)	0.05
Cholesterol (mg)	0
Trans Fatty Acid (g)	0
Carbohydrates (g)	0.063
Dietary Fiber (g)	0
Total Sugars (g)	0.00063
Protein (g)	0
Mono Fat (g)	0.023
Poly Fat (g)	0.00012
Vitamin A (IU)	0
Vitamin C (mg)	0
Vitamin E (g)	0.112
Sodium (mg)	0.05
Calcium (mg)	0
Iron (mg)	0

MICROBIOLOGICAL SPECIFICATIONS			
Microbials	Results	RL	Units
Compound			
Salmonella	ND	1.00	cfu/g
Total Coliform	ND	10.0	cfu/g
E.Coli	ND	10.0	cfu/g
Yeast	ND	10.0	cfu/g
Mold	ND	10.0	cfu/g
Aerobic Bacteria	ND	10.0	cfu/g
Enterobacteria	ND	10.0	cfu/g

OTHER INFORMATION	
Packaging	Food grade Plastic. 1, 2, 5 and 10 Liter containers
Storage	Store in refrigerator. Do not freeze.
Shelf Life	6 months
Labeling	CBD Nano Emulsion



COA

49.7 mg/mL CBD nano emulsion

Batch #	N200119B24
Manufacturing date	January 19, 2020
Expiry date	July 19, 2020
Cycles run	3
Particle size (sent separately)	ND
Density (0.98 to 1.02)	1.00
pH (4-6)	5.2 @ 13 C
Analysis	49.7 mg/mL CBD
CBD	Isolate from Arizona source. COA on file.
QC analysis by	Dr. Steve Hansen
Date	January 19, 2020