

Customer:  
Green Star Labs  
4075 Ruffin Rd  
San Diego, CA 92123

EA Sample ID: 23EA0119-001  
Sample Name: ReTune Recovery Cream - 1.7oz  
Sample Type: Topical  
Batch/Lot: 221209

Date Received:  
01/19/2023  
Date Completed:  
01/22/2023



ETHOS  
ANALYTICS

# CERTIFICATE OF ANALYSIS

## Summary of Results

Analysis Type	SOP	Date Tested	Status
Cannabinoids	EA-SOP-POTENCY	01/22/2023	Complete
Heavy Metals	EA-SOP-HM	01/22/2023	Pass
Microbiological	EA-SOP-PETRI	01/22/2023	Pass



Unit Size (g): 48.195

## POTENCY CANNABINOID PROFILE

Total THC THCA * 0.877 + D9-THC <b>&lt;LOQ</b>	Total CBD CBDA * 0.877 + CBD <b>3186.99 mg/unit</b>
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Analyte	Result (mg/g)	mg/unit	w/w %	LOQ (ppm)	LOD (ppm)
CANNABIDIVARIN (CBDV)	0.47	22.79	0.05	100	30
CANNABICHROMENE (CBC)	0.26	12.68	0.03	100	30
CANNABIGEROL (CBG)	<LOQ	<LOQ	<LOQ	100	30
CANNABINOL (CBN)	<LOQ	<LOQ	<LOQ	100	30
CANNABIDIOL (CBD)	66.13	3186.99	6.61	100	30
CANNABIDIOLIC ACID (CBDA)	<LOQ	<LOQ	<LOQ	100	30
Δ9-TETRAHYDROCANNABINOLIC ACID (THCA)	<LOQ	<LOQ	<LOQ	100	30
Δ9-TETRAHYDROCANNABINOL (D9-THC)	<LOQ	<LOQ	<LOQ	100	30
Δ8-TETRAHYDROCANNABINOL (D8-THC)	<LOQ	<LOQ	<LOQ	100	30

### NOTES:

ND = NOT DETECTED; LOD = LIMIT OF DETECTION; LOQ = LIMIT OF QUANTIFICATION

The cannabinoid potency reported above was analyzed via High Performance Liquid Chromatography (HPLC) using Variable Wavelength Detection (VWD).



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Noel Samsum  
Laboratory Director  
22-Jan-2023

The sample analyzed was inspected and is free from visual mold, mildew, and foreign matter. The testing procedures, equipment calibration, and maintenance are all in accordance with ISO/IEC 17025:2017 standards. The presented report is only applicable to the sample specified above and may not be applied to any similar or identical products. Reports are prohibited from being reproduced with alterations of any kind.

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## Heavy Metal Analysis

Analyte	Result (ppm)	LOQ (ppm)	LOD (ppm)	Limit (ppm)	Pass/Fail
Arsenic	<LOQ	0.010	0.005	1.5	Pass
Cadmium	<LOQ	0.010	0.005	0.5	Pass
Lead	<LOQ	0.010	0.005	0.5	Pass
Mercury	<LOQ	0.010	0.005	3.0	Pass

## Microbiological Analysis

Microbe	Result	Limit	Pass/Fail
Total Aerobic Plate	<50 CFU/g	<100,000 CFU/g	Pass
Coliform	<50 CFU/g	<1,000 CFU/g	Pass
Yeast	<50 CFU/g	<1,000 CFU/g	Pass
Mold	<50 CFU/g	<1,000 CFU/g	Pass
Escherichia Coli	Negative/10g	Negative/10g	Pass
Salmonella	Negative/10g	Negative/10g	Pass
Staphylococcus Aureus	Negative/10g	Negative/10g	Pass

### NOTES:

CFU = Colony Forming Unit  
NS = Not Specified  
NT = Not Tested

LOQ = Limit of Quantification  
LOD = Limit of Detection



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