



Certificate of Analysis

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1 of 6

Redeem Therapeutics

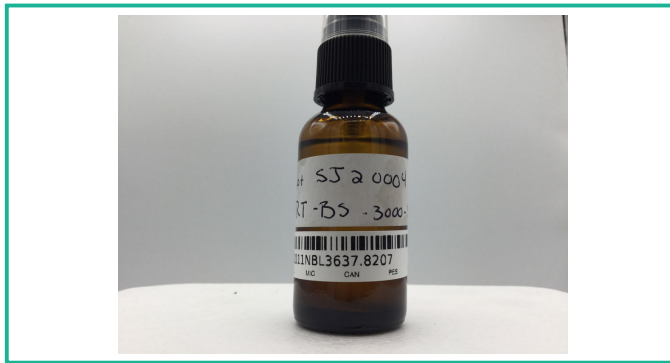
1566 Whiting Way
Lugoff, SC 29078
mat@redeemrx.com
(803) 351-0462

Sample: 2011NBL3637.8207

Strain: RT-BS-3000-SM Lot: SJ20004
Sample Received: 11/09/2020; Report Created: 11/14/2020; Expires: 11/14/2021

RT-BS-3000-SM Lot: SJ20004

Ingestible, Tincture



ND
Total THC

ND
 Δ 9 THC

117.513
mg/mL
Total Cannabinoids

114.704
mg/mL
Total CBD

Cannabinoids

Complete

(Method of Analysis: HPLC, CON-P-3000.05)
Analyst: Natalie Siracusa; Date Tested: 11/09/2020

Analyte	LOQ	Mass	Mass
	mg/mL	mg/mL	mg/g
Δ 9-THC	0.167	ND	ND
THCa	0.167	ND	ND
THCV	0.167	ND	ND
Δ 8-THC	0.167	ND	ND
CBD	0.167	114.704	124.543
CBDa	0.167	ND	ND
CBDV	0.167	0.257	0.279
CBG	0.167	1.192	1.294
CBGa	0.167	ND	ND
CBN	0.167	1.360	1.477
CBC	0.167	ND	ND
CBCa	0.167	ND	ND
CBNa	0.167	ND	ND
Total		117.513	127.593

Total THC = THCa * 0.877 + Δ 9-THC; Total CBD = CBDa * 0.877 + CBD; LOQ = Limit of Quantitation; ND = Not Detected.

1 mL = 0.921 g

Enterobacteriaceae assay includes Bile-Tolerant Gram Negative members of the Enterobacteriaceae family and Pseudomonas spp. / E.coli assay includes Shigatoxigenic Escherichia coli spp. (STEC) only



New Bloom Labs
6121 Heritage Park Dr.
Chattanooga, TN
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DEA#: RN-0563975

Natalie Siracusa
Lab Director

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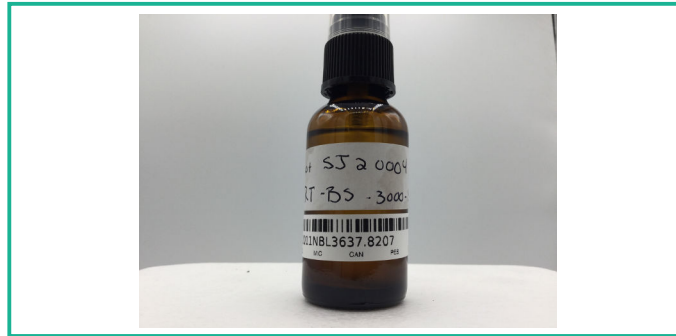
RT-BS-3000-SM Lot: SJ20004

Ingestible, Tincture
Harvest Process Lot:



Heavy Metals

(Method of Analysis: GC-ICP)



Analyte	Mass	LOQ
	PPM	PPM
Arsenic	<0.0980	0.0980
Cadmium	<0.0980	0.0980
Chromium	<0.0980	0.0980
Lead	<0.0980	0.0980
Mercury	<0.0980	0.0980
Selenium	<0.0980	0.0980

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Batch#: ; Batch Size: g

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RT-BS-3000-SM Lot: SJ20004

Ingestible, Tincture
Harvest Process Lot:



Pesticides

(Method of Analysis: LC/MS/MS)

Analyst: Natalie Siracusa; Date Tested: 11/09/2020

Pass

Analyte	LOQ	Limit	Mass	Status	Analyte	LOQ	Limit	Mass	Status
	PPM	PPM	PPM			PPM	PPM	PPM	
Abamectin	0.25	0.50	<0.25	Pass	Imazalil	0.10	0.20	<0.10	Pass
Acephate	0.20	0.40	<0.20	Pass	Imidacloprid	0.20	0.40	<0.20	Pass
Acequinocyl	1.00	2.00	<1.00	Pass	Kresoxim Methyl	0.20	0.40	<0.20	Pass
Acetamiprid	0.10	0.20	<0.10	Pass	Malathion	0.10	0.20	<0.10	Pass
Aldicarb	0.20	0.40	<0.20	Pass	Metaxyl	0.10	0.20	<0.10	Pass
Azoxystrobin	0.10	0.20	<0.10	Pass	Methiocarb	0.10	0.20	<0.10	Pass
Bifenazate	0.10	0.20	<0.10	Pass	Methomyl	0.20	0.40	<0.20	Pass
Bifenthrin	0.10	0.20	<0.10	Pass	Methyl Parathion	0.10	0.20	<0.10	Pass
Boscalid	0.20	0.40	<0.20	Pass	MGK-264	0.10	0.20	<0.10	Pass
Carbaryl	0.10	0.20	<0.10	Pass	Myclobutanil	0.10	0.20	<0.10	Pass
Carbofuran	0.10	0.20	<0.10	Pass	Naled	0.25	0.50	<0.25	Pass
Chlorantraniliprole	0.10	0.20	<0.10	Pass	Oxamyl	0.50	1.00	<0.50	Pass
Chlorfenapyr	0.50	1.00	<0.50	Pass	Paclobutrazol	0.20	0.40	<0.20	Pass
Chlorpyrifos	0.10	0.20	<0.10	Pass	Permethrin	0.10	0.20	<0.10	Pass
Clofentezine	0.10	0.20	<0.10	Pass	Phosmet	0.10	0.20	<0.10	Pass
Cyfluthrin	0.50	1.00	<0.50	Pass	Piperonyl Butoxide	1.00	2.00	<1.00	Pass
Cypermethrin	0.50	1.00	<0.50	Pass	Prallethrin	0.10	0.20	<0.10	Pass
Daminozide	0.50	1.00	<0.50	Pass	Propiconazole	0.20	0.40	<0.20	Pass
Diazinon	0.10	0.20	<0.10	Pass	Propoxur	0.10	0.20	<0.10	Pass
Dichlorvos	0.05	0.10	<0.05	Pass	Pyrethrins	0.50	1.00	<0.50	Pass
Dimethoate	0.10	0.20	<0.10	Pass	Pyridaben	0.10	0.20	<0.10	Pass
Ethoprophos	0.10	0.20	<0.10	Pass	Spinosyn A	0.10	0.20	<0.10	Pass
Etofenprox	0.20	0.40	<0.20	Pass	Spinosyn D	0.10	0.20	<0.10	Pass
Etoxazole	0.10	0.20	<0.10	Pass	Spiromesifen	0.10	0.20	<0.10	Pass
Fenoxycarb	0.10	0.20	<0.10	Pass	Spirotetramat	0.10	0.20	<0.10	Pass
Fenpyroximate	0.20	0.40	<0.20	Pass	Spiroxamine	0.20	0.40	<0.20	Pass
Fipronil	0.20	0.40	<0.20	Pass	Tebuconazole	0.20	0.40	<0.20	Pass
Flonicamid	0.50	1.00	<0.50	Pass	Thiacloprid	0.10	0.20	<0.10	Pass
Fludioxonil	0.20	0.40	<0.20	Pass	Thiamethoxam	0.10	0.20	<0.10	Pass
Hexythiazox	0.50	1.00	<0.50	Pass	Trifloxystrobin	0.10	0.20	<0.10	Pass

Enterobacteriaceae assay includes Bile-Tolerant Gram Negative members of the Enterobacteriaceae family and Pseudomonas spp. / E.coli assay includes Shigatoxigenic Escherichia coli spp. (STEC) only



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RT-BS-3000-SM Lot: SJ20004

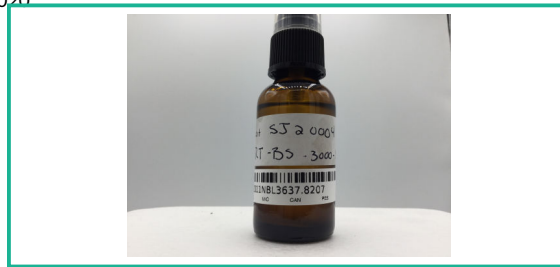
Ingestible, Tincture
Harvest Process Lot:



Residual Solvents

(Method of Analysis: HS-GC)
Analyst: Natalie Siracusa; Date Tested: 11/09/2020

Pass



Analyte	LOQ	Limit	Mass	Status
	PPM	PPM	PPM	
Acetone	1000.000	5000.000	<1000.000	Pass
Benzene	1.000	2.000	<1.000	Pass
Ethanol	1000.000	5000.000	<1000.000	Pass
Heptane	1000.000	5000.000	<1000.000	Pass
Toluene	100.000	890.000	<100.000	Pass
o-Xylene	100.000	2170.000	<100.000	Pass
n-Pentane	1000.000	5000.000	<1000.000	Pass
2-Hexanone	25.000	20.000	<25.000	Pass
1,4-Dioxane	100.000	380.000	<100.000	Pass
Ethyl-Ether	1000.000	5000.000	<1000.000	Pass
Acetonitrile	100.000	410.000	<100.000	Pass
Chlorobenzene	100.000	360.000	<100.000	Pass
Ethyl-Acetate	1000.000	5000.000	<1000.000	Pass
Tetrahydrofuran	100.000	720.000	<100.000	Pass
Trichloroethene	25.000	20.000	<25.000	Pass
Dichloromethane	100.000	600.000	<100.000	Pass
Methyl-Cyclohexane	100.000	1180.000	<100.000	Pass
1,2-Dichloro-Ethane	2.500	2.000	<2.500	Pass
1,1,1-Trichloro-Ethane	100.000	1500.000	<100.000	Pass
trans-1,2-Dichloroethane	100.000	1870.000	<100.000	Pass

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Batch#: ; Batch Size: g

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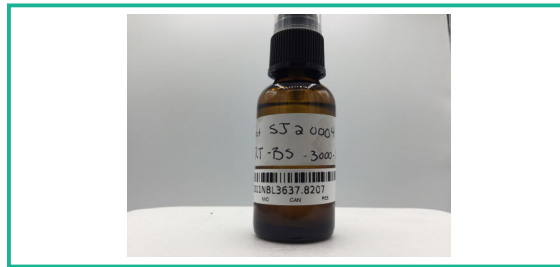
RT-BS-3000-SM Lot: SJ20004

Ingestible, Tincture
Harvest Process Lot:



Microbials

(Method of Analysis: qPCR and Culture)
Analyst: Robyn Bills; Date Tested: 11/09/2020



Analyte	LOQ	Units	Status
	CFU/g	CFU/g	
Yeast & Mold	10000.000	<10000.000	Tested
Aerobic Bacteria	100000.000	<100000.000	Tested
Coliforms	1000.000	<1000.000	Tested
Enterobacteriaceae	1000.000	<1000.000	Tested
Aspergillus		Not Detected	Tested
E. Coli		Not Detected	Tested
Salmonella		Not Detected	Tested

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RT-BS-3000-SM Lot: SJ20004

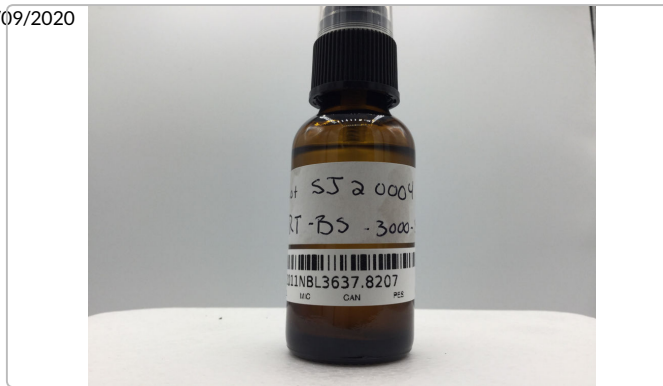
Ingestible, Tincture
Harvest Process Lot:



Mycotoxins

(Testing Method: LC/MS/MS)
Analyst: Natalie Siracusa; Date Tested: 11/09/2020

Pass



Analyte	LOQ	Limit	Units	Status
	PPB	PPB	PPB	
B1	10.00	20.00	<10.00	Pass
B2	10.00	20.00	<10.00	Pass
G1	10.00	20.00	<10.00	Pass
G2	10.00	20.00	<10.00	Pass
Ochratoxin A	10.00	20.00	<10.00	Pass

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Redeem Therapeutics

1566 Whiting Way
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803-351-0462

Sample: 2020-11-17-5136-2

Sample Received: 11/17/2020;
Report Created: 11/18/2020; Expires: 11/18/2021

RT-BS-3000-SM Lot: SJ20004
Ingestible



Terpenes

(Testing Method: HS-GC/MS, CON-P-4000.03)

Analyst: Natalie Siracusa; Date Tested: 11/17/2020

Analyte	LOD	LOQ	Mass	Mass	
	PPM	PPM	PPM	mg/g	
α-Bisabolol	0.750	3.000	15.475	0.015	<div style="width: 10%;"></div>
α-Humulene	0.750	3.000	127.597	0.128	<div style="width: 15%;"></div>
α-Pinene	0.750	3.000	324.797	0.325	<div style="width: 20%;"></div>
α-Terpinene	0.750	3.000	27.872	0.028	<div style="width: 10%;"></div>
1,8-Cineole	0.750	3.000	438.972	0.439	<div style="width: 15%;"></div>
β-Caryophyllene	0.750	3.000	345.704	0.346	<div style="width: 15%;"></div>
β-Myrcene	0.750	3.000	>1000.000	>1.000	<div style="width: 100%;"></div>
Borneol	0.750	3.000	ND	ND	<div style="width: 0%;"></div>
Camphene	0.750	3.000	19.026	0.019	<div style="width: 5%;"></div>
Carene	0.750	3.000	ND	ND	<div style="width: 0%;"></div>
Caryophyllene Oxide	0.750	3.000	8.242	0.008	<div style="width: 2%;"></div>
Citral	0.750	3.000	ND	ND	<div style="width: 0%;"></div>
Dihydrocarveol	0.750	3.000	ND	ND	<div style="width: 0%;"></div>
Fenchone	0.750	3.000	ND	ND	<div style="width: 0%;"></div>
γ-Terpinene	0.750	3.000	50.215	0.050	<div style="width: 10%;"></div>
Limonene	0.750	3.000	>30.000	>0.030	<div style="width: 100%;"></div>
Linalool	0.750	3.000	256.466	0.256	<div style="width: 15%;"></div>
Menthol	0.750	3.000	ND	ND	<div style="width: 0%;"></div>
Nerolidol	0.750	3.000	ND	ND	<div style="width: 0%;"></div>
Ocimene	0.750	3.000	ND	ND	<div style="width: 0%;"></div>
Pulegone	0.750	3.000	ND	ND	<div style="width: 0%;"></div>
Sabinene	0.750	3.000	ND	ND	<div style="width: 0%;"></div>
Terpinolene	0.750	3.000	18.773	0.019	<div style="width: 5%;"></div>
Total			7165.053	7.165	

Primary Aromas

Clove



Lime



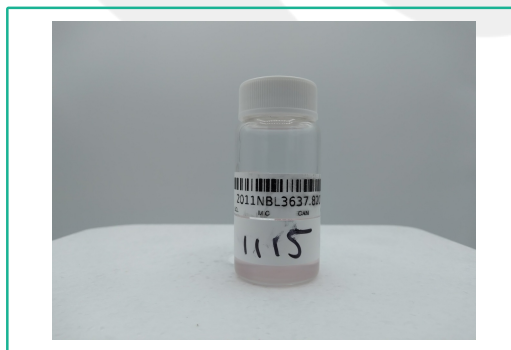
Eucalyptus



Cinnamon



Pine



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info@relims.com