



Certificate of Analysis

Powered by Confident Cannabis

Pacific Roots LLC

7750 Summerlake Pointe Blvd.
Winter Garden, FL 34787
(818) 445-8263

Sample: 2101DBL0083.0265

METRC Sample:
Lot #: HSPE0121_186

Strain: NA

Ordered: 01/08/2021; Sampled: 01/11/2021; Completed: 01/19/2021; Analyzed: 01/14/2021

Hemp Smokes - Pineapple Express

Plant, Hemp, Unknown



Pesticides



Microbials



Mycotoxins



Heavy Metals



Foreign Matter



Solvents

Terpenes

Analyzed by 300.13 GC/FID and GC/MS



0.090%
Total Terpenes



Compound	LOQ	Mass	Mass	Relative Concentration
	%	%	mg/g	
β-Caryophyllene	0.001	0.046	0.46	
α-Humulene	0.001	0.018	0.18	
Linalool	0.001	0.010	0.10	
α-Bisabolol	0.001	0.005	0.05	
Caryophyllene Oxide	0.001	0.004	0.04	
cis-Nerolidol	0.001	0.004	0.04	
Guaiol	0.001	0.003	0.03	
α-Pinene	0.001	<LOQ	<LOQ	
α-Terpinene	0.001	<LOQ	<LOQ	
β-Myrcene	0.001	<LOQ	<LOQ	
β-Pinene	0.001	<LOQ	<LOQ	
Camphene	0.001	<LOQ	<LOQ	
cis-Ocimene	0.001	<LOQ	<LOQ	
δ-3-Carene	0.001	<LOQ	<LOQ	
δ-Limonene	0.001	<LOQ	<LOQ	
Eucalyptol	0.001	<LOQ	<LOQ	
γ-Terpinene	0.001	<LOQ	<LOQ	
Geraniol	0.001	<LOQ	<LOQ	
Isopulegol	0.001	<LOQ	<LOQ	
p-Cymene	0.001	<LOQ	<LOQ	
Terpinolene	0.001	<LOQ	<LOQ	
trans-Nerolidol	0.000	<LOQ	<LOQ	
trans-Ocimene	0.000	<LOQ	<LOQ	

Cannabinoid Relative Concentration

Analyzed by 300.18 UHPLC/PDA



0.238%
Total THC



6.780%
Total CBD



11.6%
Moisture: Pass

8.609%
Total Cannabinoids

Compound	LOQ	Mass	Mass	Relative Concentration
	%	%	mg/g	
CBC	0.023	0.102	1.02	
CBCa	0.023	0.258	2.58	
CBD	0.023	1.604	16.04	
CBDa	0.023	5.902	59.02	
CBDV	0.023	<LOQ	<LOQ	
CBDVa	0.023	0.050	0.50	
CBG	0.023	0.068	0.68	
CBGa	0.023	0.368	3.68	
CBL	0.023	<LOQ	<LOQ	
CBN	0.023	<LOQ	<LOQ	
Δ8-THC	0.023	<LOQ	<LOQ	
Δ9-THC	0.023	0.113	1.13	
THCa	0.023	0.142	1.42	
THCV	0.023	<LOQ	<LOQ	
THCVa	0.023	<LOQ	<LOQ	

Total THC = 0.877 x THC-A + Δ9-THC + Δ8-THC; Total CBD = CBDa * 0.877 + CBD



Notes: Limit for Ochratoxins is 30 ppb set by the customer. Only E. Coli and Salmonella were tested for Microbial Analysis.



Stacy Gardalen

Stacy Gardalen
Quality Control

Glen Marquez

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Quality Control



4439 Polaris Ave
Las Vegas, NV

(702) 728-5180

www.dblabslv.com

This report is considered highly confidential and the sole property of the customer. DB Labs will not discuss any part of this study with personnel other than those authorized by the client. The results described in this report only apply to the samples analyzed. The reported result is based on a sample weight with the applicable moisture content for that sample. LOQ = Limit of Quantitation. Pesticide LOQ = Instrument Limit of Quantitation. NA = Not Analyzed. ND = Not Detected. NR = Not Reported. NT = Not Tested. PGR = Plant Growth Regulator. Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. This product has been tested by DB Labs, LLC (MME# 61887736101164525768) using valid testing methodologies and a quality system as required by Nevada state law. Edibles are picked up prior to final packaging unless otherwise stated. Values reported relate only to the product tested. The uncertainty of measurement associated with the measurement result reported in this certificate is available from the organization upon request. DB Labs makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of DB Labs.



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Hemp Smokes - Pineapple Express

Plant, Hemp, Unknown



Pesticides

Analyzed by 300.9 LC/MS/MS and GC/MS/MS

Pass

Compound	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Abamectin	10	200	<LOQ	Pass
Acequinocyl	10	4000	<LOQ	Pass
Bifenazate	10	400	<LOQ	Pass
Bifenthrin	10	100	<LOQ	Pass
Cyfluthrin	10	2000	<LOQ	Pass
Cypermethrin	10	1000	959	Pass
Daminozide	10	800	<LOQ	Pass
Dimethomorph	10	2000	<LOQ	Pass
Etoxazole	10	400	<LOQ	Pass
Fenhexamid	10	1000	<LOQ	Pass
Flonicamid	10	1000	<LOQ	Pass
Fludioxonil	10	500	<LOQ	Pass
Imidacloprid	10	500	<LOQ	Pass
Myclobutanil	10	400	<LOQ	Pass
Paclbutrazol	10	400	<LOQ	Pass
Piperonyl Butoxide	10	3000	<LOQ	Pass
Pyrethrins	10	2000	<LOQ	Pass
Quintozene	10	800	<LOQ	Pass
Spinetoram	10	1000	<LOQ	Pass
Spinosad	10	1000	642	Pass
Spirotetramat	10	1000	<LOQ	Pass
Thiamethoxam	10	400	<LOQ	Pass
Trifloxystrobin	10	1000	<LOQ	Pass
Plant Growth Regulators	10	50	<LOQ	Pass

Microbials

Analyzed by 300.1 Plating/QPCR

Pass

Quantitative Analysis	LOQ	Limit	Mass	Status
Qualitative Analysis	Detected or Not Detected			Status
E. Coli	Not Detected			Pass
Salmonella	Not Detected			Pass

Mycotoxins

Analyzed by 300.2 Elisa

Pass

Mycotoxin	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Aflatoxins	4.0	20.0	6.3	Pass
Ochratoxin A	2.0	30.0	20.8	Pass

Heavy Metals

Analyzed by 300.8 ICP/MS

Pass

Element	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Arsenic	47	2000	87	Pass
Cadmium	47	820	180	Pass
Lead	47	1200	499	Pass
Mercury	47	400	<LOQ	Pass

Residual Solvents

Analyzed by 300.13 GC/FID and GC/MS

Not Tested

Compound	LOQ	Limit	Mass	Status



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