



Analysis by Havard Industries

Certificate of Analysis

Powered by Confident Cannabis
1 of 3

3Chi

275 Medical Drive
Carmel, IN 46082
support@3chi.com
(405) 599-1234
Lic. #

Sample: 2104EST0343.1234

Strain: Granddaddy Purple
Batch#: 210322-GDP; Batch Size: g
Sample Received: 04/05/2021
Report Created: 04/05/2021
Expires: 05/05/2021

3Chi Delta-8 THC Vape Cartridge - Granddaddy Purple

Concentrates & Extracts, Distillate
Harvest Process Lot: ; METRC Batch: ; METRC Sample:



Safety

Pass Pesticides	Pass Microbials	Pass Mycotoxins
Pass Solvents	Pass Metals	Pass Foreign Matter

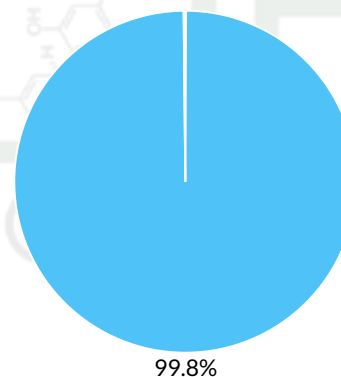
Cannabinoids

Cannabinoid potency by HPLC-UV, CANSOP001
Date Tested: 03/29/2021

ND Total THC	ND Total CBD	83.17% Total Cannabinoids	NT Moisture
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Analyte	LOQ %	Mass %	Mass mg/g
THCa	0.00	ND	ND
Δ9-THC	0.00	ND	ND
Δ8-THC	0.00	82.99	829.9
THCV	0.00	ND	ND
CBDa	0.00	ND	ND
CBD	0.00	ND	ND
CBN	0.00	0.06	0.6
CBGa	0.00	ND	ND
CBG	0.00	ND	ND
CBC	0.00	ND	ND
Δ10-THC	0.00	0.13	1.3
Total		83.17	831.7

■ CBN ■ Δ8-THC ■ Δ10-THC



Test results only relate to the sample as received. Cannabinoids are corrected to dry weight.
Total THC = THCa * 0.877 + Δ9-THC.
Total CBD = CBDa * 0.877 + CBD.
LOQ = Limit of Quantitation.

Havard Industries
6300 Boucher Dr.
Edmond, OK
(405) 205-8757

Lic# LAAA-8SPC-5FH4

Jeffery Havard
Lab Manager, Havard Industries

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Terpenes

Cannabinoid Terpenes by GC-FID, CANSOP005

Date Tested: 03/28/2021
04/01/2021

Analyte	LOQ	Mass	Mass	
	%	%	mg/g	
β -Pinene	0.00	1.31	13.1	<div></div>
δ -Limonene	0.00	0.76	7.6	<div></div>
β -Caryophyllene	0.00	0.62	6.2	<div></div>
Linalool	0.00	0.50	5.0	<div></div>
β -Myrcene	0.00	0.21	2.1	<div></div>
α -Humulene	0.00	0.20	2.0	<div></div>
α -Pinene	0.00	0.14	1.4	<div></div>
Caryophyllene Oxide	0.00	0.01	0.1	<div></div>
3-Carene	0.00	0.01	0.1	<div></div>
cis-Nerolidol	0.00	0.01	0.1	<div></div>
trans-Nerolidol	0.00	0.01	0.1	<div></div>
α -Bisabolol	0.00	0.00	0.0	<div></div>
Guaiol	0.00	0.00	0.0	<div></div>
α -Terpinene	0.00	ND	ND	<div></div>
Camphene	0.00	ND	ND	<div></div>
Eucalyptol	0.00	ND	ND	<div></div>
γ -Terpinene	0.00	ND	ND	<div></div>
Geraniol	0.00	ND	ND	<div></div>
Isopulegol	0.00	ND	ND	<div></div>
Ocimene	0.00	ND	ND	<div></div>
p-Cymene	0.00	ND	ND	<div></div>
Terpinolene	0.00	ND	ND	<div></div>
Total		3.78	37.8	

Primary Aromas

3.78%

Total Terpenes



Pine



Orange



Cinnamon



Lavender



Hops

Analyzed by Havard Industries

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Pesticides

Date Tested: 03/30/2021

Residuals Pesticides by LC/MS/MS, CANSOP004

Pass

Analyte	LOQ PPM	Limit PPM	Mass PPM	Status
Abamectin		0.500	ND	Pass
Azoxystrobin		0.200	ND	Pass
Bifenazate		0.200	ND	Pass
Etoazole		0.200	ND	Pass
Imazalil		0.200	ND	Pass
Imidacloprid		0.400	ND	Pass
Malathion		0.200	ND	Pass
Myclobutanil		0.200	ND	Pass
Permethrin		0.200	ND	Pass
Spinosad		0.200	ND	Pass
Spiromesifen		0.200	ND	Pass
Spirotetramat		0.200	ND	Pass
Tebuconazole		0.400	ND	Pass

Microbials

Date Tested: 03/24/2021

Biological Analysis: qPCR, CANSOP 20, Aspergillus by qPCR

Pass

Analyte	Limit CFU/g	Mass CFU/g	Status
Aerobic Bacteria	100000	NR	NT
Aspergillus flavus	1	ND	Pass
Aspergillus fumigatus	1	ND	Pass
Aspergillus niger	1	ND	Pass
Aspergillus terreus	1	ND	Pass
Coliforms	10000	NR	NT
E. Coli	1	ND	Pass
Salmonella	1	ND	Pass
Yeast & Mold	10000	ND	Pass

Residual Solvents

Date Tested: 04/01/2021

Residuals Solvents by Headspace GC, CANSOP006

Pass

Analyte	LOQ PPM	Limit PPM	Mass PPM	Status
Acetone	1.000	1000.000	ND	Pass
Benzene	1.000	2.000	ND	Pass
Ethanol	1.000	5000.000	ND	Pass
Ethyl-Acetate	1.000	1000.000	ND	Pass
Heptane	1.000	1000.000	ND	Pass
Hexanes	1.000	60.000	ND	Pass
Isopropanol	1.000	1000.000	ND	Pass
Methanol	1.000	600.000	ND	Pass
n-Butane	1.000	1000.000	ND	Pass
Pentane	1.000	1000.000	ND	Pass
Propane	1.000	1000.000	ND	Pass
Toluene	1.000	180.000	ND	Pass
Xylenes	1.000	430.000	ND	Pass

Test results only relate to the sample as received.

Heavy Metals

Date Tested: 03/31/2021

Heavy Metals by ICP, CANSOP007

Pass

Analyte	LOQ PPB	Limit PPB	Mass PPB	Status
Arsenic	10.000	200.000	ND	Pass
Cadmium	10.000	200.000	ND	Pass
Lead	10.000	500.000	ND	Pass
Mercury	10.000	100.000	ND	Pass

Test results only relate to the sample as received.

Mycotoxins

Date Tested: 03/30/2021

Mycotoxins by HPLC, CANSOP003

Pass

Analyte	LOQ PPB	Limit PPB	Mass PPB	Status
Ochratoxin A	1.00	20.00	ND	Pass
Total Aflatoxins	1.00	20.00	ND	Pass

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