

Certificate of Analysis

For R&D Use Only - Not a California Compliance Certificate.

D9-101365

Client: Nano Hemp Tech Labs

Total CBD	1.63 %
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Total THC	93.69 %
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Total Cannabinoids	98.11 %
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No Image
Available

Analysis Summary

Residual Solvents & Processing Chemicals	Pass
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Sample Name:

D9-101365

Matrix:

Concentrate

Unit Mass:

1 g per unit

Sample ID:

42140404-1

Date Received:

4/4/2024



Approved By:

Marie True, M.S.

Laboratory Manager

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References: limit of detection (LOD), limit of quantitation (LOQ), not detected (ND), not tested (NT)

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Cannabinoid Analysis

Complete

Analyte	LOD (%)	LOQ (%)	Mass (%)	Mass (mg/g)
CBDV	0.0035	0.011	ND	ND
CBD	0.0030	0.0090	1.629	16.29
CBG	0.0038	0.011	2.789	27.89
CBDA	0.0017	0.0052	ND	ND
CBN	0.00080	0.0024	ND	ND
Delta 9-THC	0.0022	0.0067	91.085	910.85
Delta 8-THC	0.0020	0.0059	2.608	26.08
CBC	0.00070	0.0021	ND	ND
THCA	0.0024	0.0073	ND	ND
Total CBD			1.63	16.29
Total THC			93.69	936.93
Total Cannabinoids			98.11	981.12

Date Tested: 4/4/2024

Total THC = THCa * 0.877 + d9-THC + d8-THC

Total CBD = CBDa * 0.877 + CBD

Residual Solvents Analysis

Pass

Analyte	LOQ (µg/g)	Limit (µg/g)	Mass (µg/g)	Status
Acetone	100	5000	ND	Pass
Acetonitrile	100	410	ND	Pass
Benzene	1	1	ND	Pass
Butane	100	5000	ND	Pass
Chloroform	1	1	ND	Pass
1,2-Dichloroethane	1	1	ND	Pass
Ethanol	100	5000	ND	Pass
Ethyl Acetate	100	5000	ND	Pass
Ethyl Ether	100	5000	ND	Pass
Ethylene Oxide	1	1	ND	Pass
Heptane	100	5000	ND	Pass
n-Hexane	100	290	ND	Pass
Isopropanol	100	5000	ND	Pass
Methanol	100	3000	ND	Pass
Methylene Chloride	1	1	ND	Pass
Pentane	100	5000	ND	Pass
Propane	100	5000	ND	Pass
Toluene	100	890	ND	Pass
Trichloroethylene	1	1	ND	Pass
Xylenes	100	2170	ND	Pass

Date Tested: 4/4/2024

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Method References:

Testing Location

Cannabinoid Profile (UNODC)

FESA Labs - Santa Ana, CA

Official Methods of Analysis, Method 2018.11.AOAC INTERNATIONAL (modified), Lukas Vaclavik, Frantisek Benes, Alex Krmela, Veronika Svobodova, Jana Hajsolva, and Katerina Mastovska, "Quantification of Cannabinoids in Cannabis Dried Plant Materials, Concentrates, and Oils Liquid Chromatography-Diode Array Detection Technique with Optional Mass Spectrometric Detection," First Action Method, Journal of AOAC International, Future Issue

United Nations Office on Drugs and Crime - Recommended methods for identification and analysis of cannabis and cannabis products

Residual Solvents Analysis - 20 compounds (USP_467)

FESA Labs - Santa Ana, CA

USP current revision, Chapter 62.

United States Pharmacopeia, 38nd Rev. - National Formulary 33th Ed., Method <467>, USP Convention, Inc., Rockville, MD (2015) (modified).

Testing Location:

FESA Labs
2002 S. Grand Ave., Suite A
Santa Ana, CA 92705
(714) 540-0172
www.fesalabs.com



ATTENTION

UPS Employees

This package does **NOT** contain Marijuana. This is a UPS approved low THC Hemp shipment. Please contact UPS Corporate Customer Compliance at customercompliance@ups.com with any additional questions.

The material in this shipment is industrial Hemp grown in compliance with state and federal laws. I certify that all information contained in this shipment is accurate, truthful, and complete. I understand that anyone who furnishes false or misleading information or omits information relating to the certification of this shipment may be subject to criminal and/or civil penalties, including fines and imprisonment.

Company Name: D Squared Worldwide Inc.
Account Number: C412RD
Phone Number: 281-531-7500
Contact Name: Dillon Thomas Worley
Signature: Dillon Worley

