

# Certificate of Analysis

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

# D9-101234

Client: Nano Hemp Tech Labs

<b>Total CBD</b>	<b>ND</b>
<b>Total THC</b>	<b>97.26 %</b>
<b>Total Cannabinoids</b>	<b>97.26 %</b>

No Image  
Available

## Analysis Summary

Residual Solvents & Processing Chemicals	Pass
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**Sample Name:**

D9-101234

**Matrix:**

Concentrate

**Unit Mass:**

1 g per unit

**Sample ID:**

42130921-1

**Date Received:**

9/21/2023



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	ND	ND
CBG	0.0038	0.011	ND	ND
CBDA	0.0017	0.0052	ND	ND
CBN	0.00080	0.0024	ND	ND
<b>Delta 9-THC</b>	<b>0.0022</b>	<b>0.0067</b>	<b>94.99</b>	<b>949.86</b>
<b>Delta 8-THC</b>	<b>0.0020</b>	<b>0.0059</b>	<b>2.27</b>	<b>22.71</b>
CBC	0.00070	0.0021	ND	ND
THCA	0.0024	0.0073	ND	ND
Total CBD			ND	ND
<b>Total THC</b>			<b>97.26</b>	<b>972.57</b>
<b>Total Cannabinoids</b>			<b>97.26</b>	<b>972.57</b>

Date Tested: 9/22/2023

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: 9/25/2023

# Certificate of Analysis

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## Method References:

## Testing Location

### Cannabinoid Profile (UNODC)

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

**FESA Labs - Santa Ana, CA**

### Residual Solvents Analysis - 20 compounds (USP\_467)

USP current revision, Chapter 62.  
United States Pharmacopeia, 38nd Rev. - National Formulary 33th Ed., Method <467>, USP Convention, Inc., Rockville, MD (2015) (modified).

**FESA Labs - Santa Ana, CA**

## Testing Location:

### FESA Labs

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