

N.N. Analytics

10064 Mesa Ridge Ct. #208
 San Diego, CA 92121
 www.NNAnalytics.com
 info@NNAnalytics.com
 (858) 216-2044



Certificate of Analysis – CBD Pharm – Nano 150mg (Lot # 111219C)

Customer Name:	Product Name:	Lot Number:	Date of Sample Receipt:	Date of Analysis:
CBD Pharm	Nano 150mg	111219C	February 14 th , 2020	February 16 th , 2020
Analyte:	Description:	CAS Number:		
Cannabidiol (CBD) & Tetrahydrocannabinol (THC)	Cannabinoids from US-Grown Hemp	13956-29-1 (CBD) & 19720-08-3 (THC)		

Scope of Method:

CBD Purity Testing by GC/MS:

Sample is mixed thoroughly. For quantitative analysis of CBD, other cannabinoids, and its impurities, a 50mg to 500mg sample is taken and diluted at a minimum of 4:1 with methanol, capped, mixed, and injected into the GC/MS system. Analyte identification is confirmed by retention time, abundance, a parent ion, and 3 unique product ions. A standard curve is calculated daily from a minimum of 5 calibration levels for each analyte. Concentrations are determined by comparison of the sample to the known concentrations of the 5 calibration points.

Product Name:	Product Description:	Product Photo:
CBD Pharm Nano 150mg	Flavor : Flavorless Package Type: Glass Bottle with Dropper Quantity / Package: 1 Net Weight : ~30mL [CBD]: ~150mg/container Lot Number: 111219C DOM: Unknown DOE: Unknown	

Characteristic:	Units:	CBD Pharm Specification:	Sample Results:
Appearance	N/A	Yellow to orange Amorphous Solid	Yellow Amorphous Solid
Total CBD	Abundance (Area %)	Theoretical [CBD]	5.07mg/mL ± 0.507mg/mL
Total THC	Abundance (Area %)	(Δ^9 -THC + Δ^8 -THC + THC-A) = < 0.3%	ND
Pass?	Results are within specification:		PASS

<LOD = Below limit of Detection / ND = Not Detected / 1ug/mL = 1ppm / 1000ug/mL = 1mg/mL

*Denotes that results shown are from a sample that was retested for accuracy.

The above results are guaranteed accurate and precise to the best of our ability. Data has been checked and in accordance with N.N. Analytics' approved analytical protocols. I certify that all results in this report are adherent to this statement:

Analytical Technician(s):	Signature & Date:	Checked By:	Signature & Date:
D. Matthews	<i>D. Matthews</i> 02/17/2020	J. Rubenstein	<i>J. Rubenstein</i> 02/17/2020

Notes: Samples were received in good condition with factory seals intact. The checker's signature on this document is an assurance that the samples quantitated were verified to have met N.N. Analytics Inc.'s chain-of-custody requirements. This document was drafted in Microsoft Word, exported as an Adobe PDF, and digitally signed by the checker. It contains two pages.



**GC/MS
VERIFIED**