

Hemp Quality Assurance Testing CERTIFICATE OF ANALYSIS

DATE ISSUED 07/23/2025

SAMPLE DETAILS

SAMPLE NAME: Jack Herer Concentrate, Product Inhalable

CULTIVATOR / MANUFACTURER

Business Name: License Number:

Address:

SAMPLE DETAIL

Batch Number:

Sample ID: 250722R007

DISTRIBUTOR / TESTED FOR

Business Name: North Star Canna

License Number:

Address:

Date Collected: 07/22/2025 **Date Received:** 07/22/2025

Batch Size:

Sample Size: 1.0 unit

Unit Mass: Serving Size:







Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: 79.436%

Total CBD: Not Detected

Sum of Cannabinoids: 89.43%

Total Cannabinoids: 81.46%

Total THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during the decarboxylation step: Total THC = Δ^{o} -THC + (THCa (0.877))
Total CBD = CBD + (CBDa (0.877))
Sum of Cannabinoids = Δ^{o} -THC + THCa + CBD + CBDa + CBG + CBGa + THCV + THCVa + CBC + CBCa + CBDV + CBDVa + Δ^{g} -THC + CBL + CBN
Total Cannabinoids = $(\Delta^{o}$ -THC+0.877*THCa) + (CBD+0.877*CBDa) + (CBG+0.877*CBGa) + (THCV+0.877*THCVa) + (CBC+0.877*CBCa) + (CBDV+0.877*CBDVa) + Δ^{g} -THC + CBL + CBN

For quality assurance purposes. Not a Regulatory Hemp Lab Test Report. These results relate only to the sample included on this report. This report shall not be reproduced, except in full, without written approval of the laboratory.

Sample Certification: California Code of Regulations Title 4 Division 19. Department of Cannabis Control

Business and Professions Code. Reference: Sections 26100, 26104 and 26110, Business and Professions Code.

Decision Rule: Statements of conformity (e.g. Pass/Fail) to specifications are made in this report without taking measurement uncertainty into account. Where statements of conformity are made in this report, the following decision rules are applied: PASS - Results within limits/specifications, FAIL - Results exceed limits/specifications.

 $\label{eq:condition} \textbf{References:} \ \text{limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT), $\mu g/g = ppm, $\mu g/kg = ppb$ $$$

LOC verified by: Maria Garcia Job Title: Senior Laboratory Analyst Date: 07/23/2025 Approved by: Josh Wurzer
Job Title: Chief Compliance Officer
Date: 07/23/2025

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Cannabinoid Analysis

Tested by high-performance liquid chromatography with diode-array detection (HPLC-DAD).

Method: QSP 1157 - Analysis of Cannabinoids by HPLC-DAD

TOTAL THC: 79.436% Total THC (Δ9-THC+0.877*THCa)

TOTAL CBD: Not Detected Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 81.46%

Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) + Δ^8 -THC + CBL + CBN

TOTAL CBG: 1.631% Total CBG (CBG+0.877*CBGa)

TOTAL THCV: 0.167% Total THCV (THCV+0.877*THCVa)

TOTAL CBC: ND

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: ND

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 07/23/2025

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
THCa	0.05 / 0.14	±12.912	645.59	64.559
Δ ⁹ -THC	0.06 / 0.26	±6.115	228.18	22.818
CBG	0.06 / 0.19	±0.501	16.31	1.631
CBN	0.1 / 0.3	±0.12	2.3	0.23
THCVa	0.07 / 0.20	±0.070	1.90	0.190
Δ ⁸ -THC	0.1/0.4	N/A	ND	ND
THCV	0.1 / 0.2	N/A	ND	ND
CBD	0.07 / 0.29	N/A	ND	ND
CBDa	0.02 / 0.19	N/A	ND	ND
CBDV	0.04 / 0.15	N/A	ND	ND
CBDVa	0.03 / 0.53	N/A	ND	ND
CBGa	0.1/0.2	N/A	ND	ND
CBL	0.06 / 0.24	N/A	ND	ND
СВС	0.2 / 0.5	N/A	ND	ND
CBCa	0.07 / 0.28	N/A	ND	ND
SUM OF CANNABINOIDS			894.3 mg/g	89.43%