

Northern Lights Select B Distillate

Sample ID: 2412APO5380.24744
Strain: Northern Lights
Matrix: Concentrates & Extracts
Type: Formulated Vape Oil
Source Batch #:

Produced:
Collected: 12/10/2024 08:57 am
Received: 12/10/2024
Completed: 12/13/2024
Batch #: CAZ2405L-NL-B
Harvest Date:

Client
Curaleaf_AZ
Lic. # 00000058ESFA63267513

Lot #:
Production/Manufacture Date:
Production/Manufacture Method: Multiple Solvents

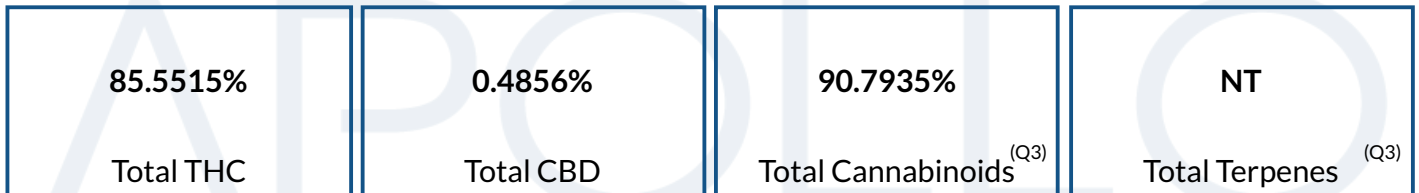


Summary

| Test | Date Tested | Result |
|-------------------|-------------|----------|
| Batch | | Pass |
| Cannabinoids | 12/11/2024 | Complete |
| Residual Solvents | 12/12/2024 | Pass |
| Microbials | 12/13/2024 | Pass |
| Mycotoxins | 12/11/2024 | Pass |
| Pesticides | 12/11/2024 | Pass |
| Heavy Metals | 12/11/2024 | Pass |

Cannabinoids by SOP-6

Complete



| Analyte | LOD | LOQ | Result | Result | Q |
|------------------|-----|--------|----------------|-----------------|---|
| | % | % | % | mg/g | |
| THCa | | 0.1000 | ND | ND | |
| Δ9-THC | | 0.1000 | 85.5515 | 855.515 | |
| Δ8-THC | | 0.1000 | 0.9725 | 9.725 | |
| THCV | | 0.1000 | 0.4454 | 4.454 | |
| CBDa | | 0.1000 | ND | ND | |
| CBD | | 0.1000 | 0.4856 | 4.856 | |
| CBDVa | | 0.1000 | ND | ND | |
| CBDV | | 0.1000 | ND | ND | |
| CBN | | 0.1000 | 1.2122 | 12.122 | |
| CBGa | | 0.1000 | ND | ND | |
| CBG | | 0.1000 | 1.5735 | 15.735 | |
| CBC | | 0.1000 | 0.5526 | 5.526 | |
| Total THC | | | 85.5515 | 855.5150 | |
| Total CBD | | | 0.4856 | 4.8560 | |
| Total | | | 90.7935 | 907.935 | |

Date Tested: 12/11/2024 07:00 am



Anthony Settanni
Anthony Settanni
Lab Director
12/13/2024

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Production/Manufacture Method: Multiple Solvents

Pesticides by SOP-22

Pass

| Analyte | LOQ | Limit | Result | Q | Status | Analyte | LOQ | Limit | Result | Q | Status |
|---------------------|--------|--------|--------|---|--------|-----------------|--------|--------|--------|---|--------|
| | PPM | PPM | PPM | | | | PPM | PPM | PPM | | |
| Abamectin | 0.2500 | 0.5000 | ND | | Pass | Hexythiazox | 0.5000 | 1.0000 | ND | | Pass |
| Acephate | 0.2000 | 0.4000 | ND | | Pass | Imazalil | 0.1000 | 0.2000 | ND | | Pass |
| Acetamiprid | 0.1000 | 0.2000 | ND | | Pass | Imidacloprid | 0.2000 | 0.4000 | ND | | Pass |
| Aldicarb | 0.2000 | 0.4000 | ND | | Pass | Kresoxim Methyl | 0.2000 | 0.4000 | ND | | Pass |
| Azoxystrobin | 0.1000 | 0.2000 | ND | | Pass | Malathion | 0.1000 | 0.2000 | ND | | Pass |
| Bifenazate | 0.1000 | 0.2000 | ND | | Pass | Metalaxyl | 0.1000 | 0.2000 | ND | | Pass |
| Bifenthrin | 0.1000 | 0.2000 | ND | | Pass | Methiocarb | 0.1000 | 0.2000 | ND | | Pass |
| Boscalid | 0.2000 | 0.4000 | ND | | Pass | Methomyl | 0.2000 | 0.4000 | ND | | Pass |
| Carbaryl | 0.1000 | 0.2000 | ND | | Pass | Myclobutanil | 0.1000 | 0.2000 | ND | | Pass |
| Carbofuran | 0.1000 | 0.2000 | ND | | Pass | Naled | 0.2500 | 0.5000 | ND | | Pass |
| Chlorantraniliprole | 0.1000 | 0.2000 | ND | | Pass | Oxamyl | 0.5000 | 1.0000 | ND | | Pass |
| Chlorfenapyr | 0.5000 | 1.0000 | ND | | Pass | Pacllobutrazol | 0.2000 | 0.4000 | ND | | Pass |
| Chlorpyrifos | 0.1000 | 0.2000 | ND | | Pass | Permethrins | 0.1000 | 0.2000 | ND | | Pass |
| Clofentezine | 0.1000 | 0.2000 | ND | | Pass | Phosmet | 0.1000 | 0.2000 | ND | | Pass |
| Cyfluthrin | 0.5000 | 1.0000 | ND | | Pass | Piperonyl | 1.0000 | 2.0000 | ND | | Pass |
| Cypermethrin | 0.5000 | 1.0000 | ND | | Pass | Butoxide | | | | | |
| Daminozide | 0.5000 | 1.0000 | ND | | Pass | Prallethrin | 0.1000 | 0.2000 | ND | | Pass |
| Diazinon | 0.1000 | 0.2000 | ND | | Pass | Propiconazole | 0.2000 | 0.4000 | ND | | Pass |
| Dichlorvos | 0.0500 | 0.1000 | ND | | Pass | Propoxur | 0.1000 | 0.2000 | ND | | Pass |
| Dimethoate | 0.1000 | 0.2000 | ND | | Pass | Pyrethrins | 0.5000 | 1.0000 | ND | | Pass |
| Ethoprophos | 0.1000 | 0.2000 | ND | | Pass | Pyridaben | 0.1000 | 0.2000 | ND | | Pass |
| Etofenprox | 0.2000 | 0.4000 | ND | | Pass | Spinosad | 0.1000 | 0.2000 | ND | | Pass |
| Etoxazole | 0.1000 | 0.2000 | ND | | Pass | Spiromesifen | 0.1000 | 0.2000 | ND | | Pass |
| Fenoxycarb | 0.1000 | 0.2000 | ND | | Pass | Spirotetramat | 0.1000 | 0.2000 | ND | | Pass |
| Fenpyroximate | 0.2000 | 0.4000 | ND | | Pass | Spiroxamine | 0.2000 | 0.4000 | ND | | Pass |
| Fipronil | 0.2000 | 0.4000 | ND | | Pass | Tebuconazole | 0.2000 | 0.4000 | ND | | Pass |
| Flonicamid | 0.5000 | 1.0000 | ND | | Pass | Thiacloprid | 0.1000 | 0.2000 | ND | | Pass |
| Fludioxonil | 0.2000 | 0.4000 | ND | | Pass | Thiamethoxam | 0.1000 | 0.2000 | ND | | Pass |
| | | | | | | Trifloxystrobin | 0.1000 | 0.2000 | ND | | Pass |

Date Tested: 12/11/2024 07:00 am



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Lab Director
12/13/2024

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Microbials

Pass

| Analyte | Limit | Result | Status | Q |
|---|-----------------------------|--------|--------|---|
| Salmonella SPP by QPCR: SOP-15 | Detected/Not Detected in 1g | ND | Pass | |
| Aspergillus Flavus Aspergillus Fumigatus or Aspergillus Niger by QPCR: SOP-14 | Detected/Not Detected in 1g | ND | Pass | |
| Aspergillus Terreus by QPCR: SOP-14 | Detected/Not Detected in 1g | ND | Pass | |

| Analyte | LOQ | Limit | Result | Status | Q |
|--|---------------|----------------|---------------------|--------|---|
| E. Coli by traditional plating: SOP-13 | CFU/g 10.0 | CFU/g 100.0 | CFU/g < 10 CFU/g | Pass | |

Date Tested: 12/13/2024 12:00 am

Mycotoxins by SOP-22

Pass

| Analyte | LOD | LOQ | Limit | Units | Status | Q |
|------------------|-------|-------|-------|-------|--------|---|
| | µg/kg | µg/kg | µg/kg | µg/kg | | |
| B1 | 5 | 10 | 20 | ND | Pass | |
| B2 | 5 | 10 | 20 | ND | Pass | |
| G1 | 5 | 10 | 20 | ND | Pass | |
| G2 | 5 | 10 | 20 | ND | Pass | |
| Total Aflatoxins | 5 | 10 | 20 | ND | Pass | |
| Ochratoxin A | 5 | 10 | 20 | ND | Pass | |

Date Tested: 12/11/2024 07:00 am

Heavy Metals by SOP-21

Pass

| Analyte | LOD | LOQ | Limit | Units | Status | Q |
|---------|--------|--------|--------|-------|--------|---|
| | PPM | PPM | PPM | PPM | | |
| Arsenic | 0.1000 | 0.1330 | 0.4000 | ND | Pass | |
| Cadmium | 0.1000 | 0.1330 | 0.4000 | ND | Pass | |
| Lead | 0.2500 | 0.3330 | 1.0000 | ND | Pass | |
| Mercury | 0.0500 | 0.0660 | 0.2000 | ND | Pass | |

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Residual Solvents by SOP-3

| Analyte | LOQ | Limit | Result | Status | Q |
|-------------------------|-----------|-----------|--------|--------|------|
| | PPM | PPM | PPM | | Pass |
| Acetone | 381.0000 | 1000.0000 | ND | Pass | |
| Acetonitrile | 154.0000 | 410.0000 | ND | Pass | |
| Benzene | 1.0000 | 2.0000 | ND | Pass | |
| Butanes | 1914.0000 | 5000.0000 | ND | Pass | |
| Chloroform | 24.0000 | 60.0000 | ND | Pass | |
| Dichloromethane | 231.0000 | 600.0000 | ND | Pass | |
| Ethanol | 1910.0000 | 5000.0000 | ND | Pass | |
| Ethyl-Acetate | 1907.0000 | 5000.0000 | ND | Pass | |
| Ethyl-Ether | 1901.0000 | 5000.0000 | ND | Pass | |
| n-Heptane | 1892.0000 | 5000.0000 | ND | Pass | |
| Hexanes | 115.0000 | 290.0000 | ND | Pass | |
| Isopropanol | 1915.0000 | 5000.0000 | ND | Pass | |
| Isopropyl-Acetate | 1908.0000 | 5000.0000 | ND | Pass | |
| Methanol | 1141.0000 | 3000.0000 | ND | Pass | |
| Pentane | 1923.0000 | 5000.0000 | ND | Pass | |
| Toluene | 343.0000 | 890.0000 | ND | Pass | |
| Xylenes + Ethyl Benzene | 841.0000 | 2170.0000 | ND | Pass | |

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Production/Manufacture Method: Multiple Solvents

Terpenes

| Analyte | LOQ | Result | Result | Q | Analyte | LOQ | Result | Result | Q |
|---------|-----|--------|--------|---|---------|-----|--------|--------|---|
|---------|-----|--------|--------|---|---------|-----|--------|--------|---|



Primary Aromas

| | | | | |
|--|--|--|--|--|
| | | | | |
|--|--|--|--|--|

Date Tested:



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Qualifiers Definitions

| Qualifier Notation | Qualifier Description |
|--------------------|--|
| I1 | The relative intensity of a characteristic ion in a sample analyte exceeded the acceptance criteria in subsection (L)(1) with respect to the reference spectra, indicating interference |
| L1 | When testing for pesticides, fungicides, herbicides, growth regulators, heavy metals, or residual solvents, the percent recovery of a laboratory control sample is greater than the acceptance limits in subsection (K)(2)(c), but the sample's target analytes were not detected above the maximum allowable concentrations in Table 3.1 for the analytes in the sample |
| M1 | The recovery from the matrix spike in subsection (K)(4) was: a. High, but the recovery from the laboratory control sample in subsection (K)(2) was within acceptance criteria |
| M2 | The recovery from the matrix spike in subsection (K)(4) was: b. Low, but the recovery from the laboratory control sample in subsection (K)(2) was within acceptance criteria |
| M3 | The recovery from the matrix spike in subsection (K)(4) was: c. Unusable because the analyte concentration was disproportionate to the spike level, but the recovery from the laboratory control sample in subsection (K)(2) was within acceptance criteria |
| R1 | The relative percent difference for the laboratory control sample and duplicate exceeded the limit in subsection (K)(3), but the recovery in subsection (K)(2) was within acceptance criteria |
| V1 | The recovery from continuing calibration verification standards exceeded the acceptance limits in subsection (J)(1)(b), but the sample's target analytes were not detected above the maximum allowable concentrations in Table 3.1 for the analytes in the sample |
| Q2 | The sample is heterogeneous, and sample homogeneity could not be readily achieved using routine laboratory practices - Used to denote that the sample as-received could not be fully pre-homogenized in packaging prior to microbiology analysis |
| Q3 | Testing result is for informational purposes only and cannot be used to satisfy dispensary testing requirements in R9-17-317.01(A) or labeling requirements in R9-17-317 |

Customer Supplied Information:

Notes and Addenda:



Bryant Kearl
Chief Scientific Officer
12/13/2024

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