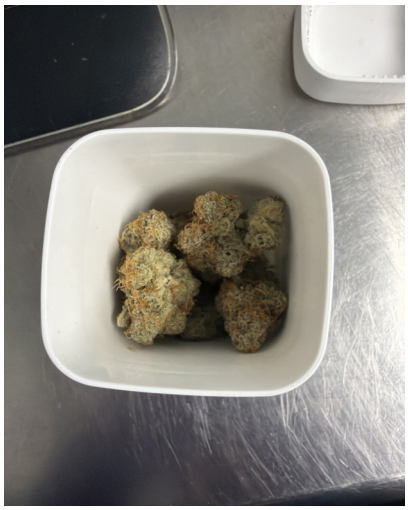
**Smithers AMS LLC**
790 Main St
Wareham, MA 02571
License #: IL281355
Phone: 508-295-2550

# Certificate of Analysis



**Customer:** Bostica, LLC

**Address:**
71 Linden street
Lynn MA 01905

**Phone:** 978-569-4063

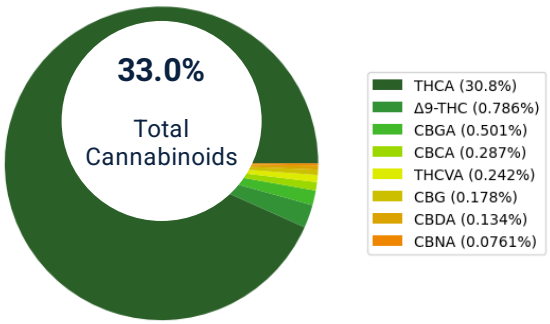
**License #:** MC282139

**Sample ID:** 54351
**Sample Name:** M00004184122: Scotch & Soda Bulk Buds
**Sample Strain:** Scotch & Soda
**Sample Type:** Flower
**Received Date:** 09/25/2026
**Report Date:** 09/28/2026
**METRC ID:** 1A40A030000E1C9000032400
**METRC Source ID:** 1A40A030000E1C9000033005
**Client Batch ID:** 081726SODAF44
**Sanitization Method:** Photonic Light
**Client Sample Size:** 7 grams

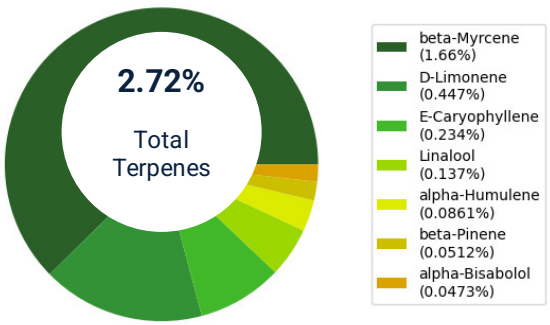
## Results Summary

| | | |
|---|---|---|
| **Cannabinoids** 09/28/2026 | TESTED | |
| **Terpenes Extended** 09/28/2026 | TESTED | |
| **Heavy Metals** 09/28/2026 | ☑ | PASS |
| **Microbial Impurities** 09/28/2026 | ☑ | PASS |
| **Pesticides and Mycotoxins** 09/28/2026 | ☑ | PASS |

**Cannabinoid Distribution (%)**




**Terpene Distribution (%)**

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## Cannabinoids

**Date Started:** 09/25/2026
**Instrument:** UPLC-PDA

**Date Completed:** 09/28/2026
**Method:** TP-09.001.06 & TP-09.012.07

**Analyst:** Lana Rivera (B144852)
**Deviation:** N/A

| Cannabinoid | Result (%) | Result (mg/g) | LOD (%) | LOQ (%) |
|---|---|---|---|---|
| THCA | 30.8 | 308 | 0.103 | 0.644 |
| Δ9-THC | 0.786 | 7.86 | 0.0119 | 0.0644 |
| CBGA | 0.501 | 5.01 | 0.00253 | 0.0322 |
| CBCA | 0.287 | 2.87 | 0.00830 | 0.0258 |
| THCVA | 0.242 | 2.42 | 0.00274 | 0.0258 |
| CBG | 0.178 | 1.78 | 0.00280 | 0.0322 |
| CBDA | 0.134 | 1.34 | 0.00406 | 0.0644 |
| CBNA | 0.0761 | 0.761 | 0.00340 | 0.0258 |
| CBDVA | ND | ND | 0.00434 | 0.0258 |
| CBDV | ND | ND | 0.0123 | 0.0258 |
| CBD | ND | ND | 0.00499 | 0.0644 |
| Δ9-THCV | ND | ND | 0.00347 | 0.0258 |
| Δ8-THCV | ND | ND | 0.00629 | 0.0258 |
| CBN | ND | ND | 0.00441 | 0.0322 |
| Exo-THC | ND | ND | 0.00515 | 0.0258 |
| Δ8-THC | ND | ND | 0.0113 | 0.0322 |
| CBL | ND | ND | 0.00763 | 0.0258 |
| CBC | ND | ND | 0.00305 | 0.0258 |
| **Total THC** | **27.8** | **278** | | |
| **Total CBD** | **0.117** | **1.17** | | |
| **Total Cannabinoids** | **33.0** | **330** | | |

**Total THC** = Δ9-THC + (THCA x 0.877)
**Total CBD** = CBD + (CBDA x 0.877)
**Total Cannabinoids** = Sum of all cannabinoids without THC/CBD corrections.
**LOD** = Limit of Detection; **LOQ** = Limit of Quantitation; **ND** = Not Detected.

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# Certificate of Analysis

## Terpenes Extended

**Date Started:** 09/28/2026
**Instrument:** GC-MS

**Date Completed:** 09/28/2026
**Method:** TP-09.004.06

**Analyst:** Lana Rivera (B144852)
**Deviation:** N/A

| Terpene | Result (%) | Result (mg/g) | LOD (%) | LOQ (%) |
|---|---|---|---|---|
| beta-Myrcene | 1.66 | 16.6 | 0.00108 | 0.00644 |
| D-Limonene | 0.447 | 4.47 | 0.00136 | 0.00644 |
| E-Caryophyllene | 0.234 | 2.34 | 0.00283 | 0.00644 |
| Linalool | 0.137 | 1.37 | 0.00196 | 0.00644 |
| alpha-Humulene | 0.0861 | 0.861 | 0.00139 | 0.00644 |
| beta-Pinene | 0.0512 | 0.512 | 0.00134 | 0.00644 |
| alpha-Bisabolol | 0.0473 | 0.473 | 0.00239 | 0.00644 |
| alpha-Pinene | 0.0393 | 0.393 | 0.000541 | 0.00644 |
| Camphene | 0.0103 | 0.103 | 0.000711 | 0.00644 |
| Z-beta-Ocimene | <LOQ | <LOQ | 0.00261 | 0.00644 |
| E-beta-Ocimene | ND | ND | 0.00266 | 0.00644 |
| gamma-Terpineol | ND | ND | 0.00115 | 0.00644 |
| Isopulegol | ND | ND | 0.00312 | 0.00644 |
| Nerol | ND | ND | 0.00203 | 0.00644 |
| Geraniol | ND | ND | 0.00201 | 0.00644 |
| Pulegone | ND | ND | 0.00244 | 0.00644 |
| Valencene | ND | ND | 0.00170 | 0.00644 |
| Z-Nerolidol | ND | ND | 0.00175 | 0.00644 |
| E-Nerolidol | ND | ND | 0.00147 | 0.00644 |
| Guaiol | ND | ND | 0.00140 | 0.00644 |
| Caryophyllene Oxide | ND | ND | 0.00146 | 0.00644 |
| Eucalyptol | ND | ND | 0.00195 | 0.00644 |
| Sabinene | ND | ND | 0.00220 | 0.00644 |
| alpha-Phellandrene | ND | ND | 0.00101 | 0.00644 |
| Sabinene Hydrate | ND | ND | 0.00215 | 0.00644 |
| Endo-Fenchyl Alcohol | ND | ND | 0.00214 | 0.00644 |
| Isoborneol | ND | ND | 0.00138 | 0.00644 |
| Menthol | ND | ND | 0.00215 | 0.00644 |
| [+/-]-Borneol | ND | ND | 0.00249 | 0.0129 |
| alpha-Terpineol | ND | ND | 0.00243 | 0.00644 |
| alpha-Cedrene | ND | ND | 0.00195 | 0.00644 |
| Geranyl Acetate | ND | ND | 0.00303 | 0.00644 |
| Cedrol | ND | ND | 0.00262 | 0.00644 |
| [+,N,-]-Camphor | ND | ND | 0.00476 | 0.0193 |
| delta-3-Carene | ND | ND | 0.00210 | 0.00644 |
| alpha-Terpinene | ND | ND | 0.00197 | 0.00644 |
| [+/-]-Fenchone | ND | ND | 0.00143 | 0.0129 |
| gamma-Terpinene | ND | ND | 0.00146 | 0.00644 |
| Terpinolene | ND | ND | 0.000804 | 0.00644 |
| **Total Terpenes** | **2.72** | **27.2** | | |

## Heavy Metals

PASS

**Date Started:** 09/26/2026
**Instrument:** ICP-MS

**Date Completed:** 09/28/2026
**Method:** TP-09.007.04

**Analyst:** Meagan Mattos (B154555)
**Deviation:** N/A

| Heavy Metals | Result (ppb) | LOD (ppb) | LOQ (ppb) | Limit (ppb) | Status |
|---|---|---|---|---|---|
| Arsenic | <LOQ | 11.8 | 79.7 | 200 | Pass |
| Cadmium | ND | 70.8 | 79.7 | 200 | Pass |
| Lead | ND | 6.51 | 79.7 | 500 | Pass |
| Mercury | ND | 5.68 | 39.9 | 100 | Pass |

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## Microbial Impurities

PASS

**Date Started:** 09/25/2026
**Instrument:** TEMPO & Gene-Up

**Date Completed:** 09/28/2026
**Method:** TP-09.010.03 & TP-09.011.04

**Analyst:** Sydney Murphy (B168056)
**Deviation:** N/A

| Microbials | Result (CFU/g) | Limit (CFU/g) | Status |
|---|---|---|---|
| Coliforms | ND | 1000 | Pass |
| Bile-Tolerant Gram-Negative Bacteria | ND | 1000 | Pass |
| Yeast & Mold | ND | 10000 | Pass |
| Aerobic Bacteria | ND | 100000 | Pass |
| E.coli | ND | | Pass |
| Salmonella | ND | | Pass |

## Pesticides and Mycotoxins

PASS

**Date Started:** 09/28/2026
**Instrument:** LC-MS/MS & GC-MS/MS

**Date Completed:** 09/28/2026
**Method:** TP-09.008.04 & TP-09.009.06

**Analyst:** Meagan Mattos (B154555)
**Deviation:** N/A

| Analyte | Result (ppb) | LOD (ppb) | LOQ (ppb) | Limit (ppb) | Status |
|---|---|---|---|---|---|
| Bifenazate | ND | 1.01 | 3.32 | 10.0 | Pass |
| Bifenthrin | ND | 1.01 | 3.32 | 10.0 | Pass |
| Cyfluthrin | ND | 0.440 | 2.76 | 10.0 | Pass |
| Etoxazole | ND | 1.01 | 3.32 | 10.0 | Pass |
| Imazalil | ND | 1.01 | 3.32 | 10.0 | Pass |
| Imidacloprid | ND | 1.01 | 3.32 | 10.0 | Pass |
| Myclobutanil | ND | 1.01 | 3.32 | 10.0 | Pass |
| Spiromesifen | ND | 1.34 | 4.42 | 10.0 | Pass |
| Trifloxystrobin | ND | 1.01 | 3.32 | 10.0 | Pass |
| Aflatoxin B1 | ND | 1.01 | 3.32 | 20.0 | |
| Aflatoxin B2 | ND | 1.01 | 3.32 | 20.0 | |
| Aflatoxin G1 | ND | 1.01 | 3.32 | 20.0 | |
| Aflatoxin G2 | ND | 1.01 | 3.32 | 20.0 | |
| Ochratoxin A | ND | 1.01 | 3.32 | 20.0 | |
| **Total Mycotoxins** | **ND** | **1.01** | **3.32** | **20.0** | **Pass** |

Yuemin Wang Kovaleff, Lab Manager
09/28/2026

END OF REPORT

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