

## ICH Industries

Order No.: ONYICH0826-0008511  
10 Kelly Avenue, Ste 11  
New York, 14303  
buster.isennock@gmail.com  
4029837726

## Sample: SNYICH0826-PFCU-0018358

Strain: Astro GMO, Unit Weight: 3.5000g  
Batch#: 250825AGMO001, Batch Size: 3200 Units  
Date Sampled: 08/26/2025 20:16  
Sample Received: 08/26/2025 20:25  
Report Created: 09/12/2025 14:02  
Sampling SOP 204

Astro GMO 3.5g  
Plant, Flower - Cured



## Results

**1,319.67 mg/unit**  
THCa

**66.40 mg/unit**  
D9-THC

**ND**  
Total CBD

**1,223.74 mg/unit**  
Total THC

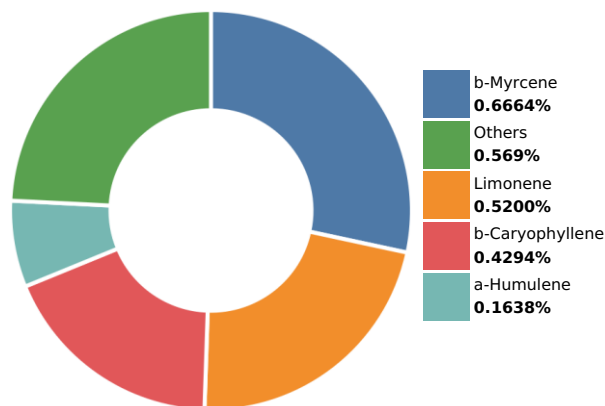
**1,417.52 mg/unit**  
Total Cannabinoids

**2.348%**  
Total Terpenes

## Tests Summary

|                               |                                        |                                  |
|-------------------------------|----------------------------------------|----------------------------------|
| <b>Cannabinoids</b><br>Tested | <b>Moisture</b><br>Pass                | <b>Microbials</b><br>Pass        |
| <b>Water Activity</b><br>Pass | <b>Foreign Matter</b><br>Pass          | <b>Homogeneity</b><br>Not Tested |
| <b>Terpenes</b><br>Pass       | <b>Residual Solvents</b><br>Not Tested | <b>Mycotoxins</b><br>Pass        |
| <b>Heavy Metals</b><br>Pass   | <b>Pesticides</b><br>Pass              |                                  |

## Dominant Terpenes



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## Cannabinoids

SOP: SOP 801-NY

Instrument: Agilent Infinity II -  
2779 / Agilent HPLC 2518 - 2518

Date/Time Tested: 09/03/2025  
15:57

Tested

| Analyte            | LOQ (ug/mL) | %            | mg/g          | mg/unit         |
|--------------------|-------------|--------------|---------------|-----------------|
| CBDV               | 2,037.96    | ND           | ND            | ND              |
| CBDa               | 2,232.92    | < LOQ        | < LOQ         | < LOQ           |
| CBGa               | 2,232.92    | <b>0.90</b>  | <b>8.99</b>   | <b>31.46</b>    |
| CBG                | 2,232.92    | < LOQ        | < LOQ         | < LOQ           |
| CBD                | 2,232.92    | ND           | ND            | ND              |
| THCV               | 2,232.92    | ND           | ND            | ND              |
| CBN                | 2,232.92    | ND           | ND            | ND              |
| D9-THC             | 2,037.96    | <b>1.90</b>  | <b>18.97</b>  | <b>66.40</b>    |
| D8-THC             | 2,232.92    | ND           | ND            | ND              |
| (6aR,9S)-d10-THC   | 2,232.92    | < LOQ        | < LOQ         | < LOQ           |
| (6aR,9R)-d10-THC   | 2,181.82    | ND           | ND            | ND              |
| CBC                | 2,181.82    | ND           | ND            | ND              |
| THCa               | 2,181.82    | <b>37.70</b> | <b>377.05</b> | <b>1,319.67</b> |
| Total CBD          |             | ND           | ND            | ND              |
| Total THC          |             | <b>34.96</b> | <b>349.64</b> | <b>1,223.74</b> |
| Total Cannabinoids |             | <b>40.50</b> | <b>405.01</b> | <b>1,417.52</b> |

### Report notes:

Total THC = THCa \* 0.877 + Δ8-THC + Δ9-THC + (6aR,9S)-d10-THC + (6aR,9R)-d10-THC  
Total CBD = CBDa \* 0.877 + CBDT  
Total Cannabinoids = Sum of all cannabinoids  
LOQ = Limit of Quantitation; The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. OCMPPCL-2022-00001. Cannabinoid potency values for flower type products are reported by percentage of dry weight determined via loss on drying; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. All results were generated by ISO certified methods to full state testing requirements. ND = Not Detected; NT = Not Tested; NR = Not Reported

## Moisture

SOP: SOP 205-NY

Date/Time Tested: 09/03/2025  
15:45

Pass

| Analyte  | Limit (%) | %           | Status |
|----------|-----------|-------------|--------|
| Moisture | 15        | <b>11.8</b> | Passed |

## Microbials

SOP: SOP 401-NY SOP 418-NY

Instrument: 35C Incubator - 1032  
/ 28C Incubator - 1034 / BioRad CFX  
qPCR - 3195

Date/Time Tested: 09/04/2025  
18:38

Pass

| Analyte               | LOQ (CFU/g) | Limit (CFU/g) | CFU/g | Status |
|-----------------------|-------------|---------------|-------|--------|
| Aerobic Bacteria      | 100         |               | ND    | Tested |
| E. Coli               |             | 0             | ND    | Passed |
| Yeast & Mold          | 100         |               | ND    | Tested |
| Salmonella            |             | 0             | ND    | Passed |
| Aspergillus Flavus    |             | 0             | ND    | Passed |
| Aspergillus Fumigatus |             | 0             | ND    | Passed |
| Aspergillus Niger     |             | 0             | ND    | Passed |
| Aspergillus Terreus   |             | 0             | ND    | Passed |

### Report notes:

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## Water Activity

SOP: SOP 206-NY

Date/Time Tested: 09/11/2025  
13:05

Pass

| Analyte        | Limit (aw) | aw          | Status |
|----------------|------------|-------------|--------|
| Water Activity | 0.65       | <b>0.56</b> | Passed |

### Amend Note:

Amended Rev01: Results updated post-remediation (dried further).

## Foreign Matter

SOP: SOP 203-NY

Date/Time Tested: 09/03/2025  
16:51

Pass

| Analyte             | Limit (%) | %      | Status |
|---------------------|-----------|--------|--------|
| FM Stems            | 5.00      | 0      | Passed |
| FM Other            | 2.00      | 0      | Passed |
| FM Mammal Excrement |           | Absent | Passed |

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Sampling SOP 204

## Astro GMO 3.5g

Plant, Flower - Cured



## Terpenes

**SOP:** SOP 620-NY

**Instrument:** Agilent GC-FID 1950 - 1950

**Date/Time Tested:** 09/03/2025 16:09

Pass

| Analyte             | LOQ (ug/mL) | Limit (ug/mL) | %             | Status | Analyte           | LOQ (ug/mL) | Limit (ug/mL) | %     | Status |
|---------------------|-------------|---------------|---------------|--------|-------------------|-------------|---------------|-------|--------|
| Total Terpenes      |             | 115,000       | <b>2.3481</b> | Passed | a-Terpinene       | 82          |               | ND    | Tested |
| b-Myrcene           | 82          |               | <b>0.6664</b> | Tested | p-Cymene          | 82          |               | ND    | Tested |
| Limonene            | 82          |               | <b>0.5200</b> | Tested | Eucalyptol        | 82          |               | ND    | Tested |
| b-Caryophyllene     | 82          |               | <b>0.4294</b> | Tested | g-Terpinene       | 82          |               | ND    | Tested |
| a-Humulene          | 82          |               | <b>0.1638</b> | Tested | Sabinene Hydrate  | 82          |               | ND    | Tested |
| a-Bisabolol         | 82          |               | <b>0.1192</b> | Tested | Fenchone          | 82          |               | ND    | Tested |
| b-Pinene            | 82          |               | <b>0.0789</b> | Tested | Isopulegol        | 82          |               | ND    | Tested |
| cis-Nerolidol       | 82          |               | <b>0.0741</b> | Tested | Camphor           | 82          |               | ND    | Tested |
| Terpineol           | 82          |               | <b>0.0599</b> | Tested | Isoborneol        | 82          |               | ND    | Tested |
| Fenchol             | 82          |               | <b>0.0544</b> | Tested | DL-Menthol        | 82          |               | ND    | Tested |
| Linalool            | 82          |               | <b>0.0507</b> | Tested | Nerol             | 82          |               | ND    | Tested |
| a-Pinene            | 82          |               | <b>0.0410</b> | Tested | Pulegone          | 82          |               | ND    | Tested |
| Terpinolene         | 82          |               | <b>0.0263</b> | Tested | Geraniol          | 82          |               | ND    | Tested |
| trans-Nerolidol     | 82          |               | <b>0.0252</b> | Tested | Geranyl Acetate   | 82          |               | ND    | Tested |
| Borneol             | 82          |               | <b>0.0165</b> | Tested | a-Cedrene         | 82          |               | ND    | Tested |
| Camphene            | 82          |               | <b>0.0122</b> | Tested | Valencene         | 82          |               | ND    | Tested |
| Caryophyllene Oxide | 82          |               | <b>0.0102</b> | Tested | Guaiol            | 82          |               | ND    | Tested |
| Sabinene            | 82          |               | ND            | Tested | Cedrol            | 82          |               | ND    | Tested |
| a-Phellandrene      | 82          |               | ND            | Tested | trans-b-Ocimene   | 82          |               | < LOQ | Tested |
| d-3-Carene          | 82          |               | ND            | Tested | trans-b-Farnesene | 82          |               | ND    | Tested |

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## Mycotoxins

SOP: SOP 808-NY

Instrument: Agilent LCMS 2546 - 2546

Date/Time Tested: 09/03/2025 14:45

Pass

| Analyte          | LOQ (ng/g) | Limit (ng/g) | ng/g | Status |
|------------------|------------|--------------|------|--------|
| B1               | 4.7        |              | ND   | Tested |
| B2               | 4.7        |              | ND   | Tested |
| G1               | 4.7        |              | ND   | Tested |
| G2               | 4.7        |              | ND   | Tested |
| Ochratoxin A     | 4.7        | 20.0         | ND   | Passed |
| Total Aflatoxins |            | 20.0         | ND   | Passed |
| Total Mycotoxins |            |              | ND   | Tested |

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## Heavy Metals

SOP: SOP 250-NY

Instrument: Agilent 7800 ICP-MS - 2594

Date/Time Tested: 09/04/2025 10:56

Pass

| Analyte  | LOQ (ug/g) | Limit (ug/g) | ug/g  | Status |
|----------|------------|--------------|-------|--------|
| Antimony | 0.179      | 2.000        | ND    | Passed |
| Arsenic  | 0.179      | 0.200        | ND    | Passed |
| Cadmium  | 0.179      | 0.200        | ND    | Passed |
| Chromium | 0.179      | 110.000      | ND    | Passed |
| Copper   | 0.215      | 30.000       | 8.756 | Passed |
| Mercury  | 0.043      | 0.100        | < LOQ | Passed |
| Nickel   | 0.215      | 5.000        | < LOQ | Passed |
| Lead     | 0.179      | 0.500        | < LOQ | Passed |

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# Certificate of Analysis

Amended

OCM-CPL-2022-00001  
ACT Laboratories (NY)  
16 Corporate Drive, Halfmoon, New York  
5172272612  
kimberlyk@actlab.com

Compliance

Adult Use

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## Pesticides

SOP: SOP 814-NY

Instrument: Agilent LCMS 2546 - 2546 / Agilent GCMS 2541 - 2541

Date/Time Tested: 09/03/2025 12:43

Pass

| Analyte               | LOQ (ug/g) | Limit (ug/g) | ug/g | Status |
|-----------------------|------------|--------------|------|--------|
| Abamectin             | 0.37       | 0.50         | ND   | Passed |
| Acephate              | 0.09       | 0.40         | ND   | Passed |
| Acequinocyl           | 0.09       | 2.00         | ND   | Passed |
| Acetamiprid           | 0.09       | 0.20         | ND   | Passed |
| Aldicarb              | 0.09       | 0.40         | ND   | Passed |
| Azoxystrobin          | 0.09       | 0.20         | ND   | Passed |
| Bifenazate            | 0.09       | 0.20         | ND   | Passed |
| Bifenthrin            | 0.09       | 0.20         | ND   | Passed |
| Boscalid              | 0.09       | 0.40         | ND   | Passed |
| Carbaryl              | 0.09       | 0.20         | ND   | Passed |
| Carbofuran            | 0.09       | 0.20         | ND   | Passed |
| Chlorantraniliprole   | 0.09       | 0.20         | ND   | Passed |
| Chlorpyrifos          | 0.09       | 0.20         | ND   | Passed |
| Clofentezine          | 0.09       | 0.20         | ND   | Passed |
| Coumaphos             | 0.09       | 1.00         | ND   | Passed |
| Cyfluthrin            | 0.47       | 1.00         | ND   | Passed |
| Cypermethrin          | 0.09       | 1.00         | ND   | Passed |
| Daminozide            | 0.09       | 1.00         | ND   | Passed |
| Diazinon              | 0.09       | 0.20         | ND   | Passed |
| Dichlorvos            | 0.09       | 1.00         | ND   | Passed |
| Dimethoate            | 0.09       | 0.20         | ND   | Passed |
| Dimethomorph          | 0.09       | 1.00         | ND   | Passed |
| Ethoprophos           | 0.09       | 0.20         | ND   | Passed |
| Etofenprox            | 0.09       | 0.40         | ND   | Passed |
| Etoxazole             | 0.09       | 0.20         | ND   | Passed |
| Fenhexamid            | 0.09       | 1.00         | ND   | Passed |
| Fenoxycarb            | 0.09       | 0.20         | ND   | Passed |
| Fenpyroximate         | 0.09       | 0.40         | ND   | Passed |
| Fipronil              | 0.09       | 0.40         | ND   | Passed |
| Flonicamid            | 0.09       | 1.00         | ND   | Passed |
| Fludioxonil           | 0.09       | 0.40         | ND   | Passed |
| Hexythiazox           | 0.09       | 1.00         | ND   | Passed |
| Imazalil              | 0.09       | 0.20         | ND   | Passed |
| Imidacloprid          | 0.09       | 0.40         | ND   | Passed |
| Indole-3 Butyric Acid | 0.12       | 1.00         | ND   | Passed |
| Kresoxim Methyl       | 0.09       | 0.40         | ND   | Passed |
| Malathion             | 0.09       | 0.20         | ND   | Passed |
| Mevinphos             | 0.09       | 1.00         | ND   | Passed |
| Metalaxyl             | 0.09       | 0.20         | ND   | Passed |
| Methiocarb            | 0.09       | 0.20         | ND   | Passed |



*Angus Alfieri*  
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Technical Director



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kimberlyk@actlab.com

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|----------------------|------------|--------------|------|--------|
| Methomyl             | 0.09       | 0.40         | ND   | Passed |
| MGK-264              | 0.01       | 0.20         | ND   | Passed |
| Myclobutanil         | 0.09       | 0.20         | ND   | Passed |
| Naled                | 0.09       | 0.50         | ND   | Passed |
| Oxamyl               | 0.09       | 1.00         | ND   | Passed |
| Paclobutrazol        | 0.09       | 0.40         | ND   | Passed |
| Permethrin           | 0.09       | 0.20         | ND   | Passed |
| Phosmet              | 0.09       | 0.20         | ND   | Passed |
| Piperonyl Butoxide   | 0.09       | 2.00         | ND   | Passed |
| Prallethrin          | 0.09       | 0.20         | ND   | Passed |
| Propiconazole        | 0.09       | 0.40         | ND   | Passed |
| Propoxur             | 0.09       | 0.20         | ND   | Passed |
| Pyrethrins           | 0.07       | 1.00         | ND   | Passed |
| Pyridaben            | 0.09       | 0.20         | ND   | Passed |
| Spinetoram           | 0.09       | 1.00         | ND   | Passed |
| Spinosyn AD          | 0.09       | 0.20         | ND   | Passed |
| Spiromesifen         | 0.09       | 0.20         | ND   | Passed |
| Spirotetramat        | 0.09       | 0.20         | ND   | Passed |
| Spiroxamine          | 0.09       | 0.20         | ND   | Passed |
| Tebuconazole         | 0.09       | 0.40         | ND   | Passed |
| Thiacloprid          | 0.09       | 0.20         | ND   | Passed |
| Thiamethoxam         | 0.09       | 0.20         | ND   | Passed |
| Trifloxystrobin      | 0.09       | 0.20         | ND   | Passed |
| Captan               |            | 1.00         | TIC  | Passed |
| Methyl Parathion     | 0.09       | 0.20         | ND   | Passed |
| Chlordane            | 0.09       | 1.00         | ND   | Passed |
| Chlorfenapyr         | 0.09       | 1.00         | ND   | Passed |
| PCNB                 | 0.09       | 1.00         | ND   | Passed |
| Azadirachtin         | 0.12       | 1.00         | ND   | Passed |
| Chlormequat Chloride | 0.02       | 1.00         | ND   | Passed |

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