



# PINNACLE — ANALYTICS —

## Potency Results

**Sample Name:** 47mg Orange Tincture  
**Client:** Flora Sophia Botanicals  
**Client Batch ID:** FSB25TV47O015

Pinnacle-Analytics.com  
613 Market St.  
Medford OR 97504  
P:(541)300-8217

**Sample ID:** C-HS-613-F3171-avg

Date Sampled: 9/16/2025

**Matrix:** Tincture

Date Reported: 9/24/2025

**Prep Analyst:** Jeff A.

Client License: AG-L1077319FP

**Analysis Method:** 0711014 H3 9-12-2025 #1.lcm

1000 Benson Way Suite 103

**Sampling Method:** Hemp Sampling SOP Rev 2

Ashland OR 97520

**Reference Method:** JCB 2009: HPLC/DAD

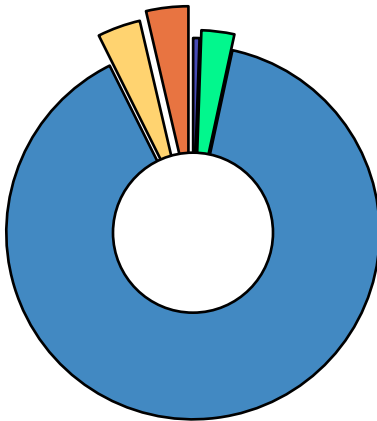
**Analysis Batch:** 9-19-2025 H3 128, 241, 589, 604, 613 Solids

**Total THC** (THCA\*0.877+d9-THC) 0.217%  
**Total CBD** (CBDA\*0.877+CBD) 5.21%  
**Moisture Content** N/A

| Cannabinoid               | % Weight     | mg/g        |
|---------------------------|--------------|-------------|
| CBDV                      | 0.032        | 0.32        |
| CBDA                      | <LOQ         | <LOQ        |
| CBGA                      | <LOQ         | <LOQ        |
| CBG                       | 0.166        | 1.66        |
| CBD                       | 5.21         | 52.1        |
| THCV                      | <LOQ         | <LOQ        |
| CBN                       | <LOQ         | <LOQ        |
| d9-THC                    | 0.217        | 2.17        |
| d8-THC                    | <LOQ         | <LOQ        |
| CBC                       | 0.213        | 2.13        |
| THCA                      | <LOQ         | <LOQ        |
| <b>Total Cannabinoids</b> | <b>5.838</b> | <b>58.4</b> |

\*ORELAP Accredited Analyte

Limit Of Quantitation: 0.0086%, analyte not measured



- CBDV
- d9-THC
- CBG
- CBC
- CBD



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Report generated by Flex\_Potency\_Rev1\_2-9-2025

Kris Ford, PhD  
Lab Director



# PINNACLE — ANALYTICS —

## Quality Control Results

**Analyst:** Jeff A.

**Analysis Batch:** 9-19-2025 H3 128, 241, 589, 604, 613 Solids

Pinnacle-Analytics.com  
613 Market St.  
Medford OR 97504  
P:(541)300-8217

|               | Duplicate RPD |       | LCS % Recovery |         | Method Blank |       |
|---------------|---------------|-------|----------------|---------|--------------|-------|
|               | H-589-F1838-b | Limit | C-SL-091925    | Limits  | C-SB-0919525 | Limit |
| <b>CBDA</b>   | <LOQ%         | 30%   | 100.0%         | 90-110% | <LOQ/2       | LOQ/2 |
| <b>CBD</b>    | 0.0583%       | 10%   | 102.0%         | 90-110% | <LOQ/2       | LOQ/2 |
| <b>d9-THC</b> | <LOQ%         | 30%   | 91.2%          | 90-110% | <LOQ/2       | LOQ/2 |
| <b>d8-THC</b> | <LOQ%         | 30%   | 102.0%         | 90-110% | <LOQ/2       | LOQ/2 |
| <b>THCA</b>   | <LOQ%         | 30%   | 96.7%          | 90-110% | <LOQ/2       | LOQ/2 |

RPD: Relative Percent Difference between unknown sample and its duplicate

LCS: Laboratory Control Sample with known concentration

Case Comments: There were no divergences from ordinary Quality Control procedures or SOPs.



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