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# CERTIFICATE OF ANALYSIS

Prepared for:
**Mood Wellness**
Boulder, CO USA 80301

## Brain Fuel 1000

| Batch ID or Lot Number: | Test: | Reported: | USDA License: |
|---|---|---|---|
| **2208302** | **Potency** | **30Sep2022** | N/A |
| Matrix: | Test ID: | Started: | Sampler ID: |
| Concentrate | T000222832 | 28Sep2022 | N/A |
| | Method(s): | Received: | Status: |
| | TM14 (HPLC-DAD) | 27Sep2022 | N/A |

## Cannabinoids

| | **LOD** (%) | **LOQ** (%) | **Result** (%) | **Result** (mg/g) | **Notes** |
|---|---|---|---|---|---|
| Cannabichromene (CBC) | 0.006 | 0.017 | 0.170 | 1.70 | |
| Cannabichromenic Acid (CBCA) | 0.005 | 0.016 | ND | ND | |
| Cannabidiol (CBD) | 0.018 | 0.044 | 1.950 | 19.50 | |
| Cannabidiolic Acid (CBDA) | 0.018 | 0.045 | 0.030 | 0.30 | |
| Cannabidivarin (CBDV) | 0.004 | 0.010 | 0.010 | 0.10 | |
| Cannabidivarinic Acid (CBDVA) | 0.008 | 0.019 | ND | ND | |
| Cannabigerol (CBG) | 0.003 | 0.010 | 1.970 | 19.70 | |
| Cannabigerolic Acid (CBGA) | 0.013 | 0.041 | ND | ND | |
| Cannabinol (CBN) | 0.004 | 0.013 | 0.010 | 0.10 | |
| Cannabinolic Acid (CBNA) | 0.009 | 0.028 | ND | ND | |
| Delta 8-Tetrahydrocannabinol (Delta 8-THC) | 0.016 | 0.049 | ND | ND | |
| Delta 9-Tetrahydrocannabinol (Delta 9-THC) | 0.015 | 0.045 | 0.110 | 1.10 | |
| Delta 9-Tetrahydrocannabinolic Acid (THCA-A) | 0.013 | 0.040 | ND | ND | |
| Tetrahydrocannabivarin (THCV) | 0.003 | 0.009 | ND | ND | |
| Tetrahydrocannabivarinic Acid (THCVA) | 0.011 | 0.035 | ND | ND | |
| **Total Cannabinoids** | | | **4.250** | **42.50** | |
| Total Potential THC | | | 0.110 | 1.10 | |
| Total Potential CBD | | | 1.976 | 19.76 | |

## Final Approval

Karen Winternheimer
30Sep2022
04:28:00 PM MDT

PREPARED BY / DATE

Daniel Weidensaul
30Sep2022
04:30:00 PM MDT

APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/c0af71f6-ba9e-4032-b9fe-b3cde92b3e4b

**Definitions**
% = % (w/w) = Percent (weight of analyte / weight of product). ND = None Detected (defined by dynamic range of the method).
Total Potential Delta 9-THC or CBD is calculated to take into account the loss of a carboxyl group during decarboxylation step, using the following formulas: Total Potential Delta 9-THC = Delta 9-THC + (Delta 9-THCa *(0.877)) and Total CBD = CBD + (CBDa *(0.877)).



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