# CERTIFICATE OF ANALYSIS

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|---|---|---|---|
| **CUSTOMER:** | Fire Holistics | **CERTIFICATION DATE:** | 20OCT2026 |
| **PRODUCT NAME:** | Drifts, 10mg Hemp Derived D9, Spicy Tamarind | **MANUFACTURE DATE:** | 15SEPT2025 |
| **PACKAGE SIZE:** | 10 count Package | **RECERTIFICATION DATE:** | N/A |
| **BEST BY DATE:** | 15SEPT2027 | **LOT NUMBER:** | D9-20260915A-ST |
| **DESCRIPTION** | 4 gram pectin gummy, Spicy tamarind flavor, 10mg Delta THC active | | |
| **STORAGE CONDITIONS:** | Store at room temperature, avoid exposure to direct sunlight | | |

**IDENTITY TEST - organoleptic properties testing**

| TEST DESCRIPTION | SPECIFICATION | RESULTS | STATUS |
|---|---|---|---|
| **ASSAY (BY HPLC)** | THC RETENTION TIME | **REPORTED AS PASS** | PASS |
| **APPEARANCE** | GUMDROP SHAPED GUMMY | **AS REPORTED** | PASS |
| **COLOR** | PINK | **AS REPORTED** | PASS |
| **ORGANOLEPTIC** | SWEET SMELL, ODOR OF FLAVOR | **AS REPORTED** | PASS |

**POTENCY & IDENTITY, HPLC, United Science SOP**

| CANNABINOID NAME | CONC. mg/g | % POTENCY | LOQ (%) |
|---|---|---|---|
| CBC | NA* | NA* | 0.001 |
| CBCA | NA* | NA* | 0.001 |
| CBD | NA* | NA* | 0.001 |
| CBDA | NA* | NA* | 0.001 |
| CBDV | NA* | NA* | 0.001 |
| CBDVA | NA* | NA* | 0.001 |
| CBG | NA* | NA* | 0.001 |
| CBGA | NA* | NA* | 0.001 |
| CBL | NA* | NA* | 0.001 |
| CBN | NA* | NA* | 0.001 |
| CBNA | NA* | NA* | 0.001 |
| DELTA-8-THC | NA* | NA* | 0.001 |

500 Simmon Drive
Osceola, WI 54020
651.464.28221

| | | | |
|---|---|---|---|
| DELTA-9-THC | 2.7 | 0.27% | 0.001 |
| THCA-A | NA* | NA* | 0.001 |
| THCV | NA* | NA* | 0.001 |
| THCVA | NA* | NA* | 0.001 |
| **TOTAL CANNABINOIDS** | **2.7** | **0.27%** | 0.001 |
| **TOTAL THC** | **2.7** | **0.27%** | 0.001 |

*ND: Not Detected, N/A*: Not Applicable

**IMPURITIES, GC-MS/MS, AOAC 2007.01**

| ANALYTE | Result | ACTION LEVEL (PPM) | LOQ (PPM) | Status | ANALYTE | Result | ACTION LEVEL (PPM) | LOQ (PPM) | Status |
|---|---|---|---|---|---|---|---|---|---|
| **ABAMECTIN** | **ND** | 0.50 | 0.10 | PASS | **IMAZALIL** | **ND** | 0.20 | 0.10 | PASS |
| **ACEPHATE** | **ND** | 0.40 | 0.10 | PASS | **IMIDACLOPRID** | **ND** | 0.40 | 0.10 | PASS |
| **ACEQUINOCYL** | **ND** | 2.0 | 0.25 | PASS | **KRESOXIM METHYL** | **ND** | 0.40 | 0.10 | PASS |
| **ACETAMIPRID** | **ND** | 0.20 | 0.10 | PASS | **MALATHION A** | **ND** | 0.20 | 0.10 | PASS |
| **ALDICARB** | **ND** | 0.40 | 0.10 | PASS | **METALAXYL** | **ND** | 0.20 | 0.10 | PASS |
| **AZOXYSTROBIN** | **ND** | 0.20 | 0.10 | PASS | **METHIOCARB** | **ND** | 0.20 | 0.10 | PASS |
| **BIFENAZATE** | **ND** | 0.20 | 0.10 | PASS | **METHOMYL** | **ND** | 0.40 | 0.10 | PASS |
| **BOSCALID** | **ND** | 0.40 | 0.10 | PASS | **MGK-264** | **ND** | 0.20 | 0.10 | PASS |
| **BIFENTHRIN** | **ND** | 0.20 | 0.10 | PASS | **MYCLOBUTANIL** | **ND** | 0.20 | 0.10 | PASS |
| **CARBARYL** | **ND** | 0.20 | 0.10 | PASS | **NALED** | **ND** | 0.50 | 0.10 | PASS |
| **CARBOFURAN** | **ND** | 0.20 | 0.10 | PASS | **OXAMYL** | **ND** | 1.0 | 0.10 | PASS |
| **CHLORANTRANILIPROLE** | **ND** | 0.20 | 0.10 | PASS | **PACLOBUTRAZOL** | **ND** | 0.40 | 0.10 | PASS |
| **CHLORPYRIFOS** | **ND** | 0.20 | 0.10 | PASS | **PARATHION-METHYL** | **ND** | 0.20 | 0.10 | PASS |
| **CLOFENTEZINE** | **ND** | 0.20 | 0.10 | PASS | **PERMETHRIN** | **ND** | 0.20 | 0.10 | PASS |
| **CYPERMETHRIN** | **ND** | 1.0 | 0.10 | PASS | **PHOSMET** | **ND** | 0.20 | 0.10 | PASS |
| **DAMINOZIDE** | **ND** | 1.0 | 0.10 | PASS | **PIPERONYL-BUTOXIDE** | **ND** | 2.0 | 0.10 | PASS |
| **DIAZINON** | **ND** | 0.20 | 0.10 | PASS | **PRALLETHRIN** | **ND** | 0.20 | 0.10 | PASS |
| **DICHLORVOS** | **ND** | 1.0 | 0.10 | PASS | **PROPICONAZOLE** | **ND** | 0.40 | 0.10 | PASS |
| **DIMETHOATE** | **ND** | 0.20 | 0.10 | PASS | **PROPOXUR** | **ND** | 0.20 | 0.10 | PASS |

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **ETHOPROPHOS** | **ND** | 0.20 | 0.10 | PASS | **PYRETHRINS** | **ND** | 1.0 | 0.10 | PASS |
| **ETOFENPROX** | **ND** | 0.40 | 0.10 | PASS | **PYRIDABEN** | **ND** | 0.20 | 0.10 | PASS |
| **ETOXAZOLE** | **ND** | 0.20 | 0.10 | PASS | **SPINOSYN A** | **ND** | 0.20 | 0.10 | PASS |
| **FENOXYCARB** | **ND** | 0.20 | 0.10 | PASS | **SPINOSYN D** | **ND** | 0.20 | 0.10 | PASS |
| **FIPRONIL** | **ND** | 0.40 | 0.10 | PASS | **SPIROMESIFEN** | **ND** | 0.20 | 0.10 | PASS |
| **FLONICAMID** | **ND** | 1.0 | 0.10 | PASS | **THIACLOPRID** | **ND** | 0.20 | 0.10 | PASS |
| **FLUDIOXONIL** | **ND** | 0.40 | 0.10 | PASS | **THIAMETHOXAM** | **ND** | 0.20 | 0.10 | PASS |
| **HEXYTHIAZOX** | **ND** | 1.0 | 0.10 | PASS | **TRIFLOXYSTROBIN** | **ND** | 0.20 | 0.10 | PASS |

**ELEMENTAL IMPURITIES, ICP-MS, USP <232/223>**

| HEAVY METALS | RESULT | ACTION LEVEL (PPM) | LOQ (PPM) | STATUS |
|---|---|---|---|---|
| **ARSENIC** | **<LOQ** | **0.5** | **0.1** | PASS |
| **CADMIUM** | **<LOQ** | **0.5** | **0.1** | PASS |
| **LEAD** | **<LOQ** | **0.5** | **0.1** | PASS |
| **MERCURY** | **<LOQ** | **0.5** | **0.1** | PASS |

**TOXINS, LCMS/MS, USP <561>**

| MYCOTOXINS | RESULT | ACTION LEVEL (PPB) | LOQ (PPB) | STATUS |
|---|---|---|---|---|
| **AFLATOXIN B1** | **<LOQ** | **20** | **6.0** | PASS |
| **AFLATOXIN B2** | **<LOQ** | **20** | **6.0** | PASS |
| **AFLATOXIN G1** | **<LOQ** | **20** | **6.0** | PASS |
| **AFLATOXIN G2** | **<LOQ** | **20** | **6.0** | PASS |
| **AFLATOXIN TOTAL** | **<LOQ** | **20** | **6.0** | PASS |
| **OCHRATOXIN A** | **<LOQ** | **20** | **12** | PASS |

**RESIDUAL SOLVENTS, HEADSPACE GC, USP <467>**

| RESIDUAL SOLVENTS | RESULTS | ACTION LEVEL (PPM) | LOQ (PPM) | STATUS |
|---|---|---|---|---|
| **ACETONE** | **<LOQ** | **5000** | 87.90 | PASS |
| **CHLOROFORM** | **<LOQ** | **5000** | 26.70 | PASS |
| **ETHANOL** | **<LOQ** | **5000** | 26.7 | PASS |

| | | | | |
|---|---|---|---|---|
| **HEXANE** | **<LOQ** | **290** | 36.6 | PASS |
| **I-BUTANE** | **<LOQ** | **5000** | 100.0 | PASS |
| **ISOPROPANOL** | **<LOQ** | **5000** | 52.3 | PASS |
| **METHANOL** | **<LOQ** | **3000** | 87.9 | PASS |
| **N-BUTANE** | **<LOQ** | **5000** | 200 | PASS |
| **PENTANE** | **PASSED** | **5000** | 389.5 | PASS |
| **TOLUENE** | **<LOQ** | **890** | 38.4 | PASS |

| **MICROBIOLOGICAL CONTAMINANTS, United Science LLC SOP** | | |
|---|---|---|
| **MICROBIOLOGY** | **RESULTS** | **STATUS** |
| ASPERGILLUS FLAVUS | ABSENCE | PASS |
| ASPERGILLUS FUMIGATUS | ABSENCE | PASS |
| ASPERGILLUS NIGER | ABSENCE | PASS |
| ASPERGILLUS TERREUS | ABSENCE | PASS |
| SALMONELLA | ABSENCE | PASS |
| STEC E. COLI | ABSENCE | PASS |
| LISTERIA | ABSENCE | PASS |

**QUALITY APPROVED**

**DATE**: October 20, 2026

Lab Director, BINGWEN YAN, PhD *Bingwen Yan*

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