

## Muscle relief Salve

 Sample ID: SA-230502-21183  
 Batch: 05/02/23  
 Type: Finished Product - Topical  
 Matrix: Topical - Salve  
 Unit Mass (g): 28.3495

 Collected: 05/02/2023  
 Received: 05/09/2023  
 Completed: 05/19/2023

**Client**  
 Pur IsoLabs LLC  
 46 FM 3351 N  
 Berghiem, TX 78004  
 USA


### Summary

| Test              | Date Tested | Status |
|-------------------|-------------|--------|
| Cannabinoids      | 05/19/2023  | Tested |
| Catalyst Metals   | 05/15/2023  | Tested |
| Foreign Matter    | 05/10/2023  | Tested |
| Heavy Metals      | 05/10/2023  | Tested |
| Microbials        | 05/11/2023  | Tested |
| Mycotoxins        | 05/11/2023  | Tested |
| Pesticides        | 05/11/2023  | Tested |
| Residual Solvents | 05/19/2023  | Tested |

|                           |                      |                                     |                                       |                                       |   |
|---------------------------|----------------------|-------------------------------------|---------------------------------------|---------------------------------------|---|
| <b>ND</b><br>Total Δ9-THC | <b>4.05 %</b><br>CBD | <b>7.98 %</b><br>Total Cannabinoids | <b>Not Tested</b><br>Moisture Content | <b>Not Detected</b><br>Foreign Matter | <b>Yes</b><br>Internal Standard Normalization |
|---------------------------|----------------------|-------------------------------------|---------------------------------------|---------------------------------------|---|

### Cannabinoids by HPLC-PDA, LC-MS/MS, and/or GC-MS/MS

| Analyte             | LOD (%) | LOQ (%) | Result (%)  | Result (mg/unit) |
|---------------------|---------|---------|-------------|------------------|
| CBC                 | 0.00095 | 0.00284 | ND          | ND               |
| CBCA                | 0.00181 | 0.00543 | ND          | ND               |
| CBCV                | 0.0006  | 0.0018  | ND          | ND               |
| CBD                 | 0.00081 | 0.00242 | 4.05        | 1150             |
| CBDA                | 0.00043 | 0.0013  | ND          | ND               |
| CBDV                | 0.00061 | 0.00182 | 0.0248      | 7.03             |
| CBDVA               | 0.00021 | 0.00063 | ND          | ND               |
| CBG                 | 0.00057 | 0.00172 | ND          | ND               |
| CBGA                | 0.00049 | 0.00147 | ND          | ND               |
| CBL                 | 0.00112 | 0.00335 | ND          | ND               |
| CBLA                | 0.00124 | 0.00371 | ND          | ND               |
| CBN                 | 0.00056 | 0.00169 | <LOQ        | <LOQ             |
| CBNA                | 0.0006  | 0.00181 | ND          | ND               |
| CBT                 | 0.0018  | 0.0054  | ND          | ND               |
| Δ8-THC              | 0.00104 | 0.00312 | ND          | ND               |
| Δ9-THC              | 0.00076 | 0.00227 | ND          | ND               |
| Δ9-THCA             | 0.00084 | 0.00251 | ND          | ND               |
| Δ9-THCV             | 0.00069 | 0.00206 | ND          | ND               |
| Δ9-THCVA            | 0.00062 | 0.00186 | ND          | ND               |
| 9R-H4-CBD           | 0.0067  | 0.02    | 2.36        | 668              |
| 9S-H4-CBD           | 0.0067  | 0.02    | 1.55        | 440              |
| <b>Total Δ9-THC</b> |         |         | <b>ND</b>   | <b>ND</b>        |
| <b>Total</b>        |         |         | <b>7.98</b> | <b>2260</b>      |

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit; Δ = Delta; Total Δ9-THC = Δ9-THCA \* 0.877 + Δ9-THC; Total CBD = CBDA \* 0.877 + CBD;



 Generated By: Scott Caudill  
 Senior Scientist  
 Date: 05/19/2023



 Tested By: Scott Caudill  
 Senior Scientist  
 Date: 05/19/2023

 ISO/IEC 17025:2017 Accredited  
 Accreditation #108651


## Muscle relief Salve

Sample ID: SA-230502-21183  
 Batch: 05/02/23  
 Type: Finished Product - Topical  
 Matrix: Topical - Salve  
 Unit Mass (g): 28.3495

Collected: 05/02/2023  
 Received: 05/09/2023  
 Completed: 05/19/2023

**Client**  
 Pur IsoLabs LLC  
 46 FM 3351 N  
 Berghiem, TX 78004  
 USA

## Heavy Metals by ICP-MS

| Analyte | LOD (ppb) | LOQ (ppb) | Result (ppb) |
|---------|-----------|-----------|--------------|
| Arsenic | 2         | 20        | ND           |
| Cadmium | 1         | 20        | ND           |
| Lead    | 2         | 20        | ND           |
| Mercury | 12        | 50        | ND           |

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit



Generated By: Scott Caudill  
 Senior Scientist  
 Date: 05/19/2023



Tested By: Kelsey Rogers  
 Scientist  
 Date: 05/10/2023



## Muscle relief Salve

Sample ID: SA-230502-21183  
 Batch: 05/02/23  
 Type: Finished Product - Topical  
 Matrix: Topical - Salve  
 Unit Mass (g): 28.3495

Collected: 05/02/2023  
 Received: 05/09/2023  
 Completed: 05/19/2023

**Client**  
 Pur IsoLabs LLC  
 46 FM 3351 N  
 Berghiem, TX 78004  
 USA

## Pesticides by LC-MS/MS

| Analyte              | LOD (ppb) | LOQ (ppb) | Result (ppb) | Analyte            | LOD (ppb) | LOQ (ppb) | Result (ppb) |
|----------------------|-----------|-----------|--------------|--------------------|-----------|-----------|--------------|
| Acephate             | 30        | 100       | ND           | Hexythiazox        | 30        | 100       | ND           |
| Acetamiprid          | 30        | 100       | ND           | Imazalil           | 30        | 100       | ND           |
| Aldicarb             | 30        | 100       | ND           | Imidacloprid       | 30        | 100       | ND           |
| Azoxystrobin         | 30        | 100       | ND           | Kresoxim methyl    | 30        | 100       | ND           |
| Bifenazate           | 30        | 100       | ND           | Malathion          | 30        | 100       | ND           |
| Boscalid             | 30        | 100       | ND           | Metalaxyl          | 30        | 100       | ND           |
| Carbaryl             | 30        | 100       | ND           | Methiocarb         | 30        | 100       | ND           |
| Carbofuran           | 30        | 100       | ND           | Methomyl           | 30        | 100       | ND           |
| Chloranthraniliprole | 30        | 100       | ND           | Mevinphos          | 30        | 100       | ND           |
| Chlorfenapyr         | 30        | 100       | ND           | Myclobutanil       | 30        | 100       | ND           |
| Chlorpyrifos         | 30        | 100       | ND           | Naled              | 30        | 100       | ND           |
| Clofentezine         | 30        | 100       | ND           | Oxamyl             | 30        | 100       | ND           |
| Coumaphos            | 30        | 100       | ND           | Paclobutrazol      | 30        | 100       | ND           |
| Daminozide           | 30        | 100       | ND           | Permethrin         | 30        | 100       | ND           |
| Diazinon             | 30        | 100       | ND           | Phosmet            | 30        | 100       | ND           |
| Dichlorvos           | 30        | 100       | ND           | Piperonyl Butoxide | 30        | 100       | ND           |
| Dimethoate           | 30        | 100       | ND           | Prallethrin        | 30        | 100       | ND           |
| Dimethomorph         | 30        | 100       | ND           | Propiconazole      | 30        | 100       | ND           |
| Ethoprophos          | 30        | 100       | ND           | Propoxur           | 30        | 100       | ND           |
| Etofenprox           | 30        | 100       | ND           | Pyrethrins         | 30        | 100       | ND           |
| Etoxazole            | 30        | 100       | ND           | Pyridaben          | 30        | 100       | ND           |
| Fenhexamid           | 30        | 100       | ND           | Spinetoram         | 30        | 100       | ND           |
| Fenoxycarb           | 30        | 100       | ND           | Spinosad           | 30        | 100       | ND           |
| Fenpyroximate        | 30        | 100       | ND           | Spiromesifen       | 30        | 100       | ND           |
| Fipronil             | 30        | 100       | ND           | Spirotetramat      | 30        | 100       | ND           |
| Flonicamid           | 30        | 100       | ND           | Spiroxamine        | 30        | 100       | ND           |
| Fludioxonil          | 30        | 100       | ND           | Tebuconazole       | 30        | 100       | ND           |
|                      |           |           |              | Thiacloprid        | 30        | 100       | ND           |
|                      |           |           |              | Thiamethoxam       | 30        | 100       | ND           |
|                      |           |           |              | Trifloxystrobin    | 30        | 100       | ND           |

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit



Generated By: Scott Caudill  
 Senior Scientist  
 Date: 05/19/2023



Tested By: Jasper van Heemst  
 Principal Scientist  
 Date: 05/11/2023



## Muscle relief Salve

Sample ID: SA-230502-21183  
 Batch: 05/02/23  
 Type: Finished Product - Topical  
 Matrix: Topical - Salve  
 Unit Mass (g): 28.3495

Collected: 05/02/2023  
 Received: 05/09/2023  
 Completed: 05/19/2023

**Client**  
 Pur IsoLabs LLC  
 46 FM 3351 N  
 Berghiem, TX 78004  
 USA

## Mycotoxins by LC-MS/MS

| Analyte      | LOD (ppb) | LOQ (ppb) | Result (ppb) |
|--------------|-----------|-----------|--------------|
| B1           | 1         | 5         | ND           |
| B2           | 1         | 5         | ND           |
| G1           | 1         | 5         | ND           |
| G2           | 1         | 5         | ND           |
| Ochratoxin A | 1         | 5         | ND           |

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit



Generated By: Scott Caudill  
 Senior Scientist  
 Date: 05/19/2023



Tested By: Jasper van Heemst  
 Principal Scientist  
 Date: 05/11/2023



## Muscle relief Salve

Sample ID: SA-230502-21183  
 Batch: 05/02/23  
 Type: Finished Product - Topical  
 Matrix: Topical - Salve  
 Unit Mass (g): 28.3495

Collected: 05/02/2023  
 Received: 05/09/2023  
 Completed: 05/19/2023

**Client**  
 Pur IsoLabs LLC  
 46 FM 3351 N  
 Berghiem, TX 78004  
 USA

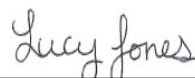
## Microbials by PCR and Plating

| Analyte                              | LOD (CFU/g) | Result (CFU/g) |
|--------------------------------------|-------------|----------------|
| Total aerobic count                  | 1           | ND             |
| Total coliforms                      | 1           | ND             |
| Generic E. coli                      | 1           | ND             |
| Salmonella spp.                      | 1           | ND             |
| Shiga-toxin producing E. coli (STEC) | 1           | ND             |

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; CFU = Colony Forming Units; P = Pass; F = Fail; RL = Reporting Limit



Generated By: Scott Caudill  
 Senior Scientist  
 Date: 05/19/2023



Tested By: Lucy Jones  
 Scientist  
 Date: 05/11/2023



## Muscle relief Salve

Sample ID: SA-230502-21183  
 Batch: 05/02/23  
 Type: Finished Product - Topical  
 Matrix: Topical - Salve  
 Unit Mass (g): 28.3495

Collected: 05/02/2023  
 Received: 05/09/2023  
 Completed: 05/19/2023

**Client**  
 Pur IsoLabs LLC  
 46 FM 3351 N  
 Berghiem, TX 78004  
 USA

## Residual Solvents by HS-GC-MS

| Analyte               | LOD (ppm) | LOQ (ppm) | Result (ppm) | Analyte                  | LOD (ppm) | LOQ (ppm) | Result (ppm) |
|-----------------------|-----------|-----------|--------------|--------------------------|-----------|-----------|--------------|
| Acetone               | 167       | 500       | ND           | Ethylene Glycol          | 21        | 62        | ND           |
| Acetonitrile          | 14        | 41        | ND           | Ethylene Oxide           | 0.5       | 1         | ND           |
| Benzene               | 0.5       | 1         | ND           | Heptane                  | 167       | 500       | ND           |
| Butane                | 167       | 500       | ND           | n-Hexane                 | 10        | 29        | ND           |
| 1-Butanol             | 167       | 500       | ND           | Isobutane                | 167       | 500       | ND           |
| 2-Butanol             | 167       | 500       | ND           | Isopropyl Acetate        | 167       | 500       | ND           |
| 2-Butanone            | 167       | 500       | ND           | Isopropyl Alcohol        | 167       | 500       | ND           |
| Chloroform            | 2         | 6         | ND           | Isopropylbenzene         | 167       | 500       | ND           |
| Cyclohexane           | 129       | 388       | ND           | Methanol                 | 100       | 300       | ND           |
| 1,2-Dichloroethane    | 0.5       | 1         | ND           | 2-Methylbutane           | 10        | 29        | ND           |
| 1,2-Dimethoxyethane   | 4         | 10        | ND           | Methylene Chloride       | 20        | 60        | ND           |
| Dimethyl Sulfoxide    | 167       | 500       | ND           | 2-Methylpentane          | 10        | 29        | ND           |
| N,N-Dimethylacetamide | 37        | 109       | ND           | 3-Methylpentane          | 10        | 29        | ND           |
| 2,2-Dimethylbutane    | 10        | 29        | ND           | n-Pentane                | 167       | 500       | ND           |
| 2,3-Dimethylbutane    | 10        | 29        | ND           | 1-Pentanol               | 167       | 500       | ND           |
| N,N-Dimethylformamide | 30        | 88        | ND           | n-Propane                | 167       | 500       | ND           |
| 2,2-Dimethylpropane   | 167       | 500       | ND           | 1-Propanol               | 167       | 500       | ND           |
| 1,4-Dioxane           | 13        | 38        | ND           | Pyridine                 | 7         | 20        | ND           |
| Ethanol               | 167       | 500       | ND           | Tetrahydrofuran          | 24        | 72        | ND           |
| 2-Ethoxyethanol       | 6         | 16        | ND           | Toluene                  | 30        | 89        | ND           |
| Ethyl Acetate         | 167       | 500       | ND           | Trichloroethylene        | 3         | 8         | ND           |
| Ethyl Ether           | 167       | 500       | ND           | Tetramethylene Sulfone   | 6         | 16        | ND           |
| Ethylbenzene          | 3         | 7         | ND           | Xylenes (o-, m-, and p-) | 73        | 217       | ND           |

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit



Generated By: Scott Caudill  
 Senior Scientist  
 Date: 05/19/2023



Tested By: Scott Caudill  
 Senior Scientist  
 Date: 05/19/2023



## Muscle relief Salve

Sample ID: SA-230502-21183  
 Batch: 05/02/23  
 Type: Finished Product - Topical  
 Matrix: Topical - Salve  
 Unit Mass (g): 28.3495

Collected: 05/02/2023  
 Received: 05/09/2023  
 Completed: 05/19/2023

**Client**  
 Pur IsoLabs LLC  
 46 FM 3351 N  
 Berghiem, TX 78004  
 USA

## Catalyst Metals

| Analyte        | Result | Unit | LOD | LOQ |
|----------------|--------|------|-----|-----|
| Ruthenium (Ru) | ND     | ppb  | 3   | 10  |
| Nickel (Ni)    | 20.5   | ppb  | 3   | 10  |
| Palladium (Pd) | ND     | ppb  | 3   | 10  |
| Platinum (Pt)  | ND     | ppb  | 3   | 10  |
| Rhodium (Rh)   | ND     | ppb  | 3   | 10  |



Generated By: Scott Caudill  
 Senior Scientist  
 Date: 05/19/2023



Tested By: Kelsey Rogers  
 Scientist  
 Date: 05/15/2023



## Muscle relief Salve

Sample ID: SA-230502-21183  
 Batch: 05/02/23  
 Type: Finished Product - Topical  
 Matrix: Topical - Salve  
 Unit Mass (g): 28.3495

Collected: 05/02/2023  
 Received: 05/09/2023  
 Completed: 05/19/2023

**Client**  
 Pur IsoLabs LLC  
 46 FM 3351 N  
 Berghiem, TX 78004  
 USA

## Reporting Limit Appendix

### Heavy Metals - Colorado CDPHE

| Analyte | Limit (ppb) | Analyte | Limit (ppb) |
|---------|-------------|---------|-------------|
| Arsenic | 1500        | Lead    | 500         |
| Cadmium | 500         | Mercury | 1500        |

### Microbials -

| Analyte         | Limit (CFU/g) | Analyte             | Limit (CFU/g) |
|-----------------|---------------|---------------------|---------------|
| Total coliforms | 100           | Total aerobic count | 100000        |

### Residual Solvents - USP 467

| Analyte               | Limit (ppm) | Analyte                  | Limit (ppm) |
|-----------------------|-------------|--------------------------|-------------|
| Acetone               | 5000        | Ethylene Glycol          | 620         |
| Acetonitrile          | 410         | Ethylene Oxide           | 1           |
| Benzene               | 2           | Heptane                  | 5000        |
| Butane                | 5000        | n-Hexane                 | 290         |
| 1-Butanol             | 5000        | Isobutane                | 5000        |
| 2-Butanol             | 5000        | Isopropyl Acetate        | 5000        |
| 2-Butanone            | 5000        | Isopropyl Alcohol        | 5000        |
| Chloroform            | 60          | Isopropylbenzene         | 5000        |
| Cyclohexane           | 3880        | Methanol                 | 3000        |
| 1,2-Dichloroethane    | 5           | 2-Methylbutane           | 290         |
| 1,2-Dimethoxyethane   | 100         | Methylene Chloride       | 600         |
| Dimethyl Sulfoxide    | 5000        | 2-Methylpentane          | 290         |
| N,N-Dimethylacetamide | 1090        | 3-Methylpentane          | 290         |
| 2,2-Dimethylbutane    | 290         | n-Pentane                | 5000        |
| 2,3-Dimethylbutane    | 290         | 1-Pentanol               | 5000        |
| N,N-Dimethylformamide | 880         | n-Propane                | 5000        |
| 2,2-Dimethylpropane   | 5000        | 1-Propanol               | 5000        |
| 1,4-Dioxane           | 380         | Pyridine                 | 200         |
| Ethanol               | 5000        | Tetrahydrofuran          | 720         |
| 2-Ethoxyethanol       | 160         | Toluene                  | 890         |
| Ethyl Acetate         | 5000        | Trichloroethylene        | 80          |
| Ethyl Ether           | 5000        | Tetramethylene Sulfone   | 160         |
| Ethylbenzene          | 70          | Xylenes (o-, m-, and p-) | 2170        |

### Pesticides - CA DCC

| Analyte              | Limit (ppb) | Analyte            | Limit (ppb) |
|----------------------|-------------|--------------------|-------------|
| Aldicarb             | 30          | Imidacloprid       | 3000        |
| Azoxystrobin         | 40000       | Kresoxim methyl    | 1000        |
| Bifenazate           | 5000        | Malathion          | 5000        |
| Boscalid             | 10000       | Metaxyl            | 15000       |
| Carbaryl             | 500         | Methiocarb         | 30          |
| Carbofuran           | 30          | Methomyl           | 100         |
| Chloranthraniliprole | 40000       | Mevinphos          | 30          |
| Chlorfenapyr         | 30          | Myclobutanil       | 9000        |
| Chlorpyrifos         | 30          | Naled              | 500         |
| Clofentezine         | 500         | Oxamyl             | 200         |
| Coumaphos            | 30          | Paclobotrazol      | 30          |
| Daminozide           | 30          | Permethrin         | 20000       |
| Diazinon             | 200         | Phosmet            | 200         |
| Dichlorvos           | 30          | Piperonyl Butoxide | 8000        |
| Dimethoate           | 30          | Prallethrin        | 400         |
| Dimethomorph         | 20000       | Propiconazole      | 20000       |
| Ethoprophos          | 30          | Propoxur           | 30          |
| Etofenprox           | 30          | Pyrethrins         | 1000        |
| Etoxazole            | 1500        | Pyridaben          | 3000        |
| Fenhexamid           | 10000       | Spinetoram         | 3000        |
| Fenoxycarb           | 30          | Spinosad           | 3000        |
| Fenpyroximate        | 2000        | Spiromesifen       | 12000       |
| Fipronil             | 30          | Spirotetramat      | 13000       |
| Fonicamid            | 2000        | Spiroxamine        | 30          |
| Fludioxonil          | 30000       | Tebuconazole       | 2000        |

### Mycotoxins - Colorado CDPHE

| Analyte      | Limit (ppm) | Analyte | Limit (ppm) |
|--------------|-------------|---------|-------------|
| B1           | 5           | B2      | 5           |
| G1           | 5           | G2      | 5           |
| Ochratoxin A | 5           |         |             |

### Pesticides - CA DCC

| Analyte     | Limit (ppb) | Analyte     | Limit (ppb) |
|-------------|-------------|-------------|-------------|
| Acephate    | 5000        | Hexythiazox | 2000        |
| Acetamiprid | 5000        | Imazail     | 30          |

