



Analytical Resource Laboratories

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# Certificate of Analysis

## Client Information

**PurHealth RX**  
14663 S. Heritage Crest Way  
Bluffdale, UT 84065  
USA  
801.903.7789

## Sample Information

ARL ID: 674356  
Date Received: 4/26/2023  
Date Tested: 5/4/2023  
Description: Med 7 Cool Mint 2oz/0.5oz  
Lot#: 23100

## Results

| Analysis                                  | Method      | †MDL / LOQ | Specification | Results       | UOM       | Lab ID |
|---|-------------|------------|---------------|---------------|-----------|--------|
| <u>Complete Micro Profile Pseudomonas</u> | USP, AOAC   |            |               |               |           | 1      |
| Total Plate Count                         | USP <2021>  | 10         | Record Only   | None Detected | cfu's/g   | 1      |
| Coliforms                                 | AOAC 991.14 | 10         | Record Only   | None Detected | cfu's/g   | 1      |
| E. coli                                   | USP <2022>  | Absent     | Record Only   | Absent        | cfu's/10g | 1      |
| Staphylococcus aureus                     | USP <2022>  | Absent     | Record Only   | Absent        | cfu's/10g | 1      |
| Salmonella                                | USP <2022>  | Absent     | Record Only   | Absent        | cfu's/10g | 1      |
| Pseudomonas aeruginosa                    | USP <62>    | Absent     | Record Only   | Absent        | cfu's/g   | 1      |
| Yeast                                     | USP <2021>  | 10         | Record Only   | None Detected | cfu's/g   | 1      |
| Mold                                      | USP <2021>  | 10         | Record Only   | None Detected | cfu's/g   | 1      |

### †Method Detection Limit (MDL):

In microbiological testing, this is the minimum level of growth that can be detected with confidence. If a result is reported as "None Detected", it means any visible growth was below this limit.

### †Limit of Quantitation (LOQ):

In analytical chemistry testing, this is the minimum level of the desired analyte that can be quantified with confidence. If a result is reported as less than LOQ, it means any detected amount was too small to report an exact number.

**Under accreditation number 77504, ARL is an ISO/IEC 17025:2017 Accredited Laboratory. Uncertainty data for ISO-scoped methods is available upon request. Certificate and scope are also available upon request.**

Form: arlcoa031201a Report: 674356

experience • professionalism • value

Released by: Jacob Teller

Printed on: 5/4/2023 6:42:24 PM

Date Released: 5/4/2023

This Certificate of Analysis represents data only for the sample provided. It does not constitute a guarantee of quality for the entire production lot.

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### CERTIFICATE OF ANALYSIS

#### Sample Information

|                          |                             |                       |                        |
|--------------------------|-----------------------------|-----------------------|------------------------|
| <b>UDAF Lab #</b>        | HP23254-4                   | <b>Issue Date:</b>    | 09/20/2023             |
| <b>Client:</b>           | PurHealth Labs              | <b>Client Email:</b>  | dave@purhealthlabs.com |
| <b>Producer:</b>         | PurHealth Labs              | <b>Sample Type:</b>   | Liquid Suspension      |
| <b>Description:</b>      | Med 7 Maximum Strength 4500 |                       |                        |
| <b>Batch/Lot Number:</b> | 23100                       | <b>Date Received:</b> | 09/11/2023             |
| <b>Date Collected:</b>   |                             | <b>Collected By:</b>  | Self-Submitted         |




Notes:

#### Testing Summary

**Status:** PASS

| <b>Analysis:</b> | <b>Testing Date:</b> | <b>Status:</b> | <b>Notes:</b> |
|------------------|----------------------|----------------|---------------|
| Mycotoxins       | 09/15/2023           | PASS           |               |
|                  |                      |                |               |
|                  |                      |                |               |
|                  |                      |                |               |
|                  |                      |                |               |
|                  |                      |                |               |
|                  |                      |                |               |
|                  |                      |                |               |
|                  |                      |                |               |
|                  |                      |                |               |

Approved By:  Date: 09/20/2023  
Brandon Forsyth, Ph.D  
State Chemist

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## CERTIFICATE OF ANALYSIS

### Mycotoxin Analysis

Status: PASS

|                                 |   |
|---------------------------------|---|
| <b>Sample ID:</b> HP23254-4     | <b>Description:</b> Med 7 Maximum Strength 4500 |
| <b>Testing Date:</b> 09/15/2023 | <b>Reviewed By:</b> Cameron Cheyne              |

Method: ACL.AM.004 Analysis performed using Inductively Coupled Plasma - Mass Spectrometry (ICP-MS)

| Analyte         | Result (ppb) | Action Level (ppb)  | Status |
|-----------------|--------------|---------------------|--------|
| AflatoxinB1     | ND           | See Total Aflatoxin | --     |
| AflatoxinB2     | ND           | See Total Aflatoxin | --     |
| AflatoxinG1     | ND           | See Total Aflatoxin | --     |
| AflatoxinG2     | ND           | See Total Aflatoxin | --     |
| Total Aflatoxin | 0            | 20                  | PASS   |
| Ochratoxin A    | ND           | 20                  | PASS   |

Notes:

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## CERTIFICATE OF ANALYSIS

### Sample Information

|                          |                   |                       |                        |
|--------------------------|-------------------|-----------------------|------------------------|
| <b>UDAF Lab #</b>        | HP23261-7         | <b>Issue Date:</b>    | 09/25/2023             |
| <b>Client:</b>           | PurHealth Labs    | <b>Client Email:</b>  | dave@purhealthlabs.com |
| <b>Producer:</b>         | PurHealth Labs    | <b>Sample Type:</b>   | Liquid Suspension      |
| <b>Description:</b>      | Med 7 4500mg Mint |                       |                        |
| <b>Batch/Lot Number:</b> | 23100             | <b>Date Received:</b> | 09/18/2023             |
| <b>Date Collected:</b>   |                   | <b>Collected By:</b>  | Self-Submitted         |



Notes:

### Testing Summary

**Status: FAIL**

| Analysis:         | Testing Date: | Status: | Notes:   |
|-------------------|---------------|---------|--|
| Pesticides        | 09/25/2023    | PASS    |  |
| Heavy Metals      | 09/21/2023    | PASS    |  |
| Residual Solvents | 09/21/2023    | FAIL    | Ingredients lists "food-grade alcohol (Ethanol)" |
|                   |               |         |  |
|                   |               |         |  |
|                   |               |         |  |
|                   |               |         |  |
|                   |               |         |  |
|                   |               |         |  |

Approved By:

Brandon Forsyth, Ph.D  
State Chemist

Date: 09/25/2023

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## CERTIFICATE OF ANALYSIS

**Pesticide Analysis**

**Status:** PASS

|                      |            |                     |                   |
|----------------------|------------|---------------------|-------------------|
| <b>Sample ID:</b>    | HP23261-7  | <b>Description:</b> | Med 7 4500mg Mint |
| <b>Testing Date:</b> | 09/25/2023 | <b>Reviewed By:</b> | Cameron Cheyne    |

*Method: ACL.AM.008 Analysis performed using Liquid Chromatography - Mass Spectrometry (LC-MS/MS)*

| Analyte             | CAS Number  | Result (ppm) | Action Level (ppm) | Status | Analyte            | CAS Number  | Result (ppm) | Action Level (ppm) | Status |
|---------------------|-------------|--------------|--------------------|--------|--------------------|-------------|--------------|--------------------|--------|
| Abamectin           | 71751-41-2  | ND           | 0.5                | PASS   | Imazilil           | 35554-44-0  | ND           | 0.2                | PASS   |
| Acephate            | 30560-19-1  | ND           | 0.4                | PASS   | Imidacloprid       | 138261-41-3 | ND           | 0.4                | PASS   |
| Acequinocyl         | 57960-19-7  | ND           | 2                  | PASS   | Kresoxim-methyl    | 143390-89-0 | ND           | 0.4                | PASS   |
| Acetamiprid         | 135410-20-7 | ND           | 0.2                | PASS   | Malathion          | 121-75-5    | ND           | 0.2                | PASS   |
| Aldicarb            | 0116-06-03  | ND           | 0.4                | PASS   | Metalaxyl          | 57837-19-1  | ND           | 0.2                | PASS   |
| Azoxystrobin        | 131860-33-8 | ND           | 0.2                | PASS   | Methiocarb         | 2032-65-7   | ND           | 0.2                | PASS   |
| Bifenazate          | 149877-41-8 | ND           | 0.2                | PASS   | Methomyl           | 16752-77-5  | ND           | 0.4                | PASS   |
| Bifenthrin          | 82657-04-03 | ND           | 0.2                | PASS   | Methyl parathion   | 298-00-0    | ND           | 0.2                | PASS   |
| Boscalid            | 188425-85-6 | ND           | 0.4                | PASS   | MGK-264            | 113-48-4    | ND           | 0.2                | PASS   |
| Carbaryl            | 63-25-2     | ND           | 0.2                | PASS   | Myclobutanil       | 88671-89-0  | ND           | 0.2                | PASS   |
| Carbofuran          | 1563-66-2   | ND           | 0.2                | PASS   | Naled              | 300-76-5    | ND           | 0.5                | PASS   |
| Chlorantraniliprole | 500008-45-7 | ND           | 0.2                | PASS   | Oxamyl             | 23135-22-0  | ND           | 1                  | PASS   |
| Chlorfenapyr        | 122453-73-0 | ND           | 1                  | PASS   | Paclobutrazol      | 76738-62-0  | ND           | 0.4                | PASS   |
| Chlorpyrifos        | 2921-88-2   | ND           | 0.2                | PASS   | Permethrins        | 52645-53-1  | ND           | 0.2                | PASS   |
| Clofentezine        | 74115-24-5  | ND           | 0.2                | PASS   | Phosmet            | 0732-11-6   | ND           | 0.2                | PASS   |
| Cyfluthrin          | 68359-37-5  | ND           | 1                  | PASS   | Piperonyl Butoxide | 51-03-6     | ND           | 2                  | PASS   |
| Cypermethrin        | 52315-07-08 | ND           | 1                  | PASS   | Prallethrin        | 23031-36-9  | ND           | 0.2                | PASS   |
| Daminozide          | 1596-84-5   | ND           | 1                  | PASS   | Propiconazole      | 60207-90-1  | ND           | 0.4                | PASS   |
| Dichlorvos          | 62-73-7     | ND           | 0.1                | PASS   | Propoxur           | 114-26-1    | ND           | 0.2                | PASS   |
| Diazinon            | 333-41-5    | ND           | 0.2                | PASS   | Pyrethrins         | 8003-34-7   | ND           | 1                  | PASS   |
| Dimethoate          | 60-51-5     | ND           | 0.2                | PASS   | Pyridaben          | 96489-71-3  | ND           | 0.2                | PASS   |
| Ethiofophos         | 13194-48-4  | ND           | 0.2                | PASS   | Spinosad           | 168316-95-8 | ND           | 0.2                | PASS   |
| Etofenprox          | 80844-07-01 | ND           | 0.4                | PASS   | Spiromesifen       | 283594-90-1 | ND           | 0.2                | PASS   |
| Etoxazole           | 153233-91-1 | ND           | 0.2                | PASS   | Spirotetramat      | 203313-25-1 | ND           | 0.2                | PASS   |
| Fenoxycarb          | 72490-01-08 | ND           | 0.2                | PASS   | Spiroxamine        | 118134-30-8 | ND           | 0.4                | PASS   |
| Fenpyroximate       | 134098-61-6 | ND           | 0.4                | PASS   | Tebuconazole       | 80443-41-0  | ND           | 0.4                | PASS   |
| Fipronil            | 120068-37-3 | ND           | 0.4                | PASS   | Thiacloprid        | 111988-49-9 | ND           | 0.2                | PASS   |
| Flonicamid          | 158062-67-0 | ND           | 1                  | PASS   | Thiamethoxam       | 153719-23-4 | ND           | 0.2                | PASS   |
| Fludioxonil         | 131341-86-1 | ND           | 0.4                | PASS   | Trifloxystrobin    | 141517-21-7 | ND           | 0.2                | PASS   |
| Hexythiazox         | 78587-05-0  | ND           | 1                  | PASS   |                    |             |              |                    |        |

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## CERTIFICATE OF ANALYSIS

### Heavy Metal Analysis

Status: PASS

|                                 |                                       |
|---------------------------------|---------------------------------------|
| <b>Sample ID:</b> HP23261-7     | <b>Description:</b> Med 7 4500mg Mint |
| <b>Testing Date:</b> 09/21/2023 | <b>Reviewed By:</b> Cameron Cheyne    |

Method: ACL.AM.004 Analysis performed using Inductively Coupled Plasma - Mass Spectrometry (ICP-MS)

| Analyte | CAS Number | Result (ppm) | Action Level (ppm) | Status |
|---------|------------|--------------|--------------------|--------|
| Arsenic | 7440-38-2  | ND           | 2                  | PASS   |
| Cadmium | 7440-43-9  | ND           | 0.82               | PASS   |
| Lead    | 7439-92-1  | ND           | 1.2                | PASS   |
| Mercury | 7439-97-6  | ND           | 0.4                | PASS   |

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## CERTIFICATE OF ANALYSIS

**Residual Solvent Analysis**

**Status:** FAIL

|                      |            |                     |                   |
|----------------------|------------|---------------------|-------------------|
| <b>Sample ID:</b>    | HP23261-7  | <b>Description:</b> | Med 7 4500mg Mint |
| <b>Testing Date:</b> | 09/21/2023 | <b>Reviewed By:</b> | Cameron Cheyne    |

*Method: ACL.AM.007 Analysis performed using Gas Chromatography - Mass Spectrometry (GC-MS/FID)*

| Analyte               | CAS Number | Result (ppm) | Action Level (ppm) | Status | Analyte           | CAS Number | Result (ppm) | Action Level (ppm) | Status |
|-----------------------|------------|--------------|--------------------|--------|-------------------|------------|--------------|--------------------|--------|
| Acetone               | 67-64-1    | ND           | 5000               | PASS   | Ethyl Ether       | 60-29-7    | ND           | 5000               | PASS   |
| Acetonitrile          | 75-05-8    | ND           | 410                | PASS   | Ethylbenzene      | 100-41-4   | ND           | See Xylenes        | --     |
| Benzene               | 71-43-2    | ND           | 2                  | PASS   | Ethylene Glycol   | 107-21-1   | ND           | 620                | PASS   |
| Butane                | 106-97-8   | ND           | 5000               | PASS   | Ethylene Oxide    | 75-21-8    | ND           | 50                 | PASS   |
| 1-Butanol             | 71-36-3    | ND           | 5000               | PASS   | Heptane           | 142-82-5   | ND           | 5000               | PASS   |
| 2-Butanol             | 78-92-2    | ND           | 5000               | PASS   | n-Hexane          | 110-54-3   | ND           | 290                | PASS   |
| 2-Butanone            | 78-93-3    | ND           | 5000               | PASS   | Isopropyl Acetate | 108-21-4   | ND           | 5000               | PASS   |
| Cumene                | 98-82-8    | ND           | 70                 | PASS   | Methanol          | 67-56-1    | ND           | 3000               | PASS   |
| Cyclohexane           | 110-82-7   | ND           | 3880               | PASS   | 2-Methylbutane    | 78-78-4    | ND           | 5000               | PASS   |
| Dichloromethane       | 75-09-2    | ND           | 600                | PASS   | 2-Methylpentane   | 107-83-5   | ND           | 290                | PASS   |
| 1,2-Dimethoxyethane   | 110-71-4   | ND           | 100                | PASS   | 3-Methylpentane   | 96-14-0    | ND           | 290                | PASS   |
| Dimethyl Sulfoxide    | 67-68-5    | ND           | 5000               | PASS   | Methylpropane     | 75-28-5    | ND           | 5000               | PASS   |
| N,N-Dimethylacetamide | 127-19-5   | ND           | 1090               | PASS   | Pentane           | 109-66-0   | ND           | 5000               | PASS   |
| 1,2-Dimethylbenzene   | 95-47-6    | ND           | See Xylenes        | --     | 1-Pentanol        | 71-41-0    | ND           | 5000               | PASS   |
| 1,3-Dimethylbenzene   | 108-38-3   | ND           | See Xylenes        | --     | Propane           | 74-98-6    | ND           | 5000               | PASS   |
| 1,4-Dimethylbenzene   | 106-42-3   | ND           | See Xylenes        | --     | 1-Propanol        | 71-23-8    | ND           | 5000               | PASS   |
| 2,2-Dimethylbutane    | 75-83-2    | ND           | 290                | PASS   | 2-Propanol        | 67-63-0    | ND           | 5000               | PASS   |
| 2,3-Dimethylbutane    | 79-29-8    | ND           | 290                | PASS   | Pyridine          | 110-86-1   | ND           | 100                | PASS   |
| N,N-Dimethylformamide | 68-12-2    | ND           | 880                | PASS   | Sulfolane         | 126-33-0   | ND           | 160                | PASS   |
| 1,4-Dioxane           | 123-9      | ND           | 380                | PASS   | Tetrahydrofuran   | 109-99-9   | ND           | 720                | PASS   |
| Ethanol               | 64-17-5    | 12825        | 5000               | FAIL   | Toluene           | 108-88-3   | ND           | 890                | PASS   |
| 2-Ethoxyethanol       | 110-80-5   | ND           | 160                | PASS   | Xylenes           | 1330-20-7  | ND           | 2170               | PASS   |
| Ethyl Acetate         | 141-78-6   | ND           | 5000               | PASS   |                   |            |              |                    |        |

Notes: Ingredients lists "food-grade alcohol (Ethanol)"

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