



| Report Number: | 21-004139/D03.R00 |
|-----------------|-------------------|
| Report Date: | 04/21/2021 |
| ORELAP#: | OR100028 |
| Purchase Order: | |
| Received: | 04/15/21 11:25 |

_ _ _ _ _ _ _ _ _ _ _ _ _ _ _

| Customer: Product identity: Client/Metrc ID: Laboratory ID: | Healthy Roots Orange/Mango 21-004139-000 | | | Sample | Date: | 04/15/21 09: | 30 |
|----------------------------------------------------------------------|------------------------------------------------|--------|---------|--------|--------------------------------------|--------------|---------------------|
| | | | Su | Immary | | | |
| Potency: | | | | | | | |
| Analyte | Result | Limits | Units | Status | | | 27.9 mg/3.7g |
| CBD | 0.753 | | % | | | | |
| CBDV [†] | 0.00422 | | % | | | | |
| Analyte per 3.7g | Result | Limits | Units | Status | THC-Total per 3.7g | | <loq< td=""></loq<> |
| CBD per 3.7g | 27.9 | | mg/3.7g | | (Reported in milligrams per serving) | | rams per serving) |
| CBDV per 3.7g [†] | 0.156 | | mg/3.7g | | | | |
| Microbiology: | | | | | • | | |
| Less than LOQ for al | ll analytes. | | | | | | |

Page 1 of 8 Test results relate only to the parameters tested and to the samples as received by the laboratory. Test results meet all requirements of NELAP and the Columbia Laboratories quality assurance plan unless otherwise noted. This report shall not be reproduced, except in full, without the written consent of this laboratory. Samples will be retained for a maximum of 30 days from the receipt date unless prior arrangements have been made. Testing in accordance with: OAR 333-007-0430





| Report Number: | 21-004139/D03.R00 |
|-----------------|-------------------|
| Report Date: | 04/21/2021 |
| ORELAP#: | OR100028 |
| Purchase Order: | |
| Received: | 04/15/21 11:25 |

| Customer: | Healthy Roots |
|----------------------|----------------|
| Product identity: | Orange/Mango |
| Client/Metrc ID: | |
| Sample Date: | 04/15/21 09:30 |
| Laboratory ID: | 21-004139-0001 |
| Evidence of Cooling: | No |
| Temp: | 22.4 °C |
| Serving Size #1: | 3.7 g |
| | |

Sample Results

| Potency | Method J AOA | C 2015 V98-6 (mod) | Units % | Batch: 2103477 | Analyze: 4/19/21 3:07:00 PM |
|---------------------------------|--------------|--------------------|---------|----------------|-----------------------------|
| Analyte | Result | Limits | Units | LOQ | Notes |
| CBC | < LOQ | | % | 0.0032 | |
| CBC-A [†] | < LOQ | | % | 0.0032 | |
| CBC-Total [†] | < LOQ | | % | 0.0060 | |
| CBD | 0.753 | | % | 0.0032 | |
| CBD-A | < LOQ | | % | 0.0032 | |
| CBD-Total | 0.753 | | % | 0.0060 | |
| CBDV [†] | 0.00422 | | % | 0.0032 | |
| CBDV-A [†] | < LOQ | | % | 0.0032 | |
| CBDV-Total [†] | < LOQ | | % | 0.0060 | |
| CBG [†] | < LOQ | | % | 0.0032 | |
| CBG-A [†] | < LOQ | | % | 0.0032 | |
| CBG-Total | < LOQ | | % | 0.0060 | |
| CBL [†] | < LOQ | | % | 0.0032 | |
| CBL-Total [†] | < LOQ | | % | 0.0032 | |
| CBN | < LOQ | | % | 0.0032 | |
| $\Delta 8\text{-THC}^{\dagger}$ | < LOQ | | % | 0.0032 | |
| Δ9-THC | < LOQ | | % | 0.0032 | |
| THC-A | < LOQ | | % | 0.0032 | |
| THC-Total | < LOQ | | % | 0.0060 | |
| THCV [†] | < LOQ | | % | 0.0032 | |
| THCV-A [†] | < LOQ | | % | 0.0032 | |
| THCV-Total [†] | < LOQ | | % | 0.0060 | |
| Total Cannabinoids [†] | 0.757 | | % | | |
| | | | | | |

| Potency per 3.7g | Method J AOA | AC 2015 V98-6 (n | nod) Units mg/se Ba | t ch: 2103477 | Analyze: 4/19/21 3:07:00 PM |
|---------------------------------|--------------|------------------|-----------------------------------|----------------------|-----------------------------|
| Analyte | Result | Limits | Units | LOQ | Notes |
| CBC per 3.7g [†] | < LOQ | | mg/3.7g | 0.118 | |
| CBC-A per 3.7g [†] | < LOQ | | mg/3.7g | 0.118 | |
| CBC-Total per 3.7g [†] | < LOQ | | mg/3.7g | 0.222 | |
| CBD per 3.7g | 27.9 | | mg/3.7g | 0.118 | |
| CBD-A per 3.7g | < LOQ | | mg/3.7g | 0.118 | |
| CBD-Total per 3.7g | 27.9 | | mg/3.7g | 0.222 | |
| CBDV per 3.7g [†] | 0.156 | | mg/3.7g | 0.118 | |

Page 2 of 8 Test results relate only to the parameters tested and to the samples as received by the laboratory. Test results meet all requirements of NELAP and the Columbia Laboratories quality assurance plan unless otherwise noted. This report shall not be reproduced, except in full, without the written consent of this laboratory. Samples will be retained for a maximum of 30 days from the receipt date unless prior arrangements have been made. Testing in accordance with: OAR 333-007-0430





Report Number: 21-004139/D03.R00 **Report Date:** 04/21/2021 **ORELAP#:** OR100028 **Purchase Order: Received:** 04/15/21 11:25

| Potency per 3.7g | Method J AOA | AC 2015 V98-6 (m | nod) Units mg/se Ba | tch: 2103477 | Analyze: 4/19/21 3:07:00 PM |
|---------------------------------------|--------------|------------------|-----------------------------------|--------------|-----------------------------|
| Analyte | Result | Limits | Units | LOQ | Notes |
| CBDV-A per 3.7g [†] | < LOQ | | mg/3.7g | 0.118 | |
| CBDV-Total per 3.7g [†] | < LOQ | | mg/3.7g | 0.221 | |
| CBG per 3.7g [†] | < LOQ | | mg/3.7g | 0.118 | |
| CBG-A per 3.7g [†] | < LOQ | | mg/3.7g | 0.118 | |
| CBG-Total per 3.7g [†] | < LOQ | | mg/3.7g | 0.221 | |
| CBL per 3.7g [†] | < LOQ | | mg/3.7g | 0.118 | |
| CBL-Total per 3.7g [†] | < LOQ | | mg/3.7g | 69.6 | |
| CBN per 3.7g | < LOQ | | mg/3.7g | 0.118 | |
| $\Delta 8$ -THC per 3.7g [†] | < LOQ | | mg/3.7g | 0.118 | |
| ∆9-THC per 3.7g | < LOQ | | mg/3.7g | 0.118 | |
| THC-A per 3.7g | < LOQ | | mg/3.7g | 0.118 | |
| THC-Total per 3.7g | < LOQ | | mg/3.7g | 0.222 | |
| THCV per 3.7g [†] | < LOQ | | mg/3.7g | 0.118 | |
| THCV-A per 3.7g [†] | < LOQ | | mg/3.7g | 0.118 | |
| THCV-Total per 3.7g [†] | < LOQ | | mg/3.7g | 0.222 | |
| | | | | | |

| Microbiology | | | | | | | | |
|-----------------|--------|--------|-------|-----|---------|----------|-------------------------|-------|
| Analyte | Result | Limits | Units | LOQ | Batch | Analyze | Method | Notes |
| E.coli | < LOQ | | cfu/g | 10 | 2103364 | 04/17/21 | AOAC 991.14 (Petrifilm) | X,I |
| Total Coliforms | < LOQ | | cfu/g | 10 | 2103364 | 04/17/21 | AOAC 991.14 (Petrifilm) | X,I |

Page 3 of 8
<u>www.columbialaboratories.com</u>
Test results relate only to the parameters tested and to the samples as received by the laboratory. Test results meet all requirements of NELAP and the Columbia Laboratories quality assurance plan
unless otherwise noted. This report shall not be reproduced, except in full, without the written consent of this laboratory. Samples will be retained for a maximum of 30 days from the receipt date unless
prior arrangements have been made.
Testere exception





 Report Number:
 21-004139/D03.R00

 Report Date:
 04/21/2021

 ORELAP#:
 OR100028

 Purchase Order:
 Received:

 04/15/21 11:25

These test results are representative of the individual sample selected and submitted by the client.

Abbreviations

Limits: Action Levels per OAR-333-007-0400, OAR-333-007-0210, OAR-333-007-0220

Limit(s) of Quantitation (LOQ): The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence.

[†] = Analyte not NELAP accredited.

Units of Measure

cfu/g = Colony forming units per gram g = Gram mg/3.7g = Milligram per 3.7g % = Percentage of sample % wt = μg/g divided by 10,000

Glossary of Qualifiers

I: Insufficient sample received to meet method requirements. X: Not ORELAP accredited.

Approved Signatory

Derrick Tanner General Manager

www.columbialaboratories.com

Page 4 of 8

Test results relate only to the parameters tested and to the samples as received by the laboratory. Test results meet all requirements of NELAP and the Columbia Laboratories quality assurance plan unless otherwise noted. This report shall not be reproduced, except in full, without the written consent of this laboratory. Samples will be retained for a maximum of 30 days from the receipt date unless prior arrangements have been made.





| Report Number: | 21-004139/D03.R00 |
|-----------------|-------------------|
| Report Date: | 04/21/2021 |
| ORELAP#: | OR100028 |
| Purchase Order: | |
| Received: | 04/15/21 11:25 |

| | CHAIN OF C | USTODY | | | | | A | nalysi | s Req | ueste | d | | | 2 | | | |
|-----------|------------------------------|--------------------------------------------------------|------|-------------------|-----------------------------------------|---------|-------------------|---------------------------|----------|-----------------------|----------------------------------|--------------|------------|--------|------------------------------------|---------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| | C | s ort Way, #1 07230 Ip@gmail.cc P s: () | om | – OR 59 compounds | Pesticide Multi-Residue – 379 compounds | | olvents | Aoisture & Water Activity | | Micro: Yeast and Mold | Micro: E.Coli and Total Coliform | tals | S | | Proje Pro Custom Report 1 | ct Number: oject Name: Reporting: o State - \Box ME und time: \Box 5 J \Box 3 J \Box 2 (2 (| TRC or D Other: Business Day Standard Turnaround Business Day Rush Turnaround* Business Day Rush Turnaround* Check for availability |
| Lab ID | Client Sample Identification | Date | Time | Pesticides - | Pesticide I | Potency | Residual Solvents | Moisture 8 | Terpenes | Micro: Yea | Micro: E.C | Heavy Metals | Mycotoxins | Other: | Sample Type † | Weight (Units) | Comments/Metrc ID |
| 7 | Drange/Mango | 04/ <i>15/ə</i> 1 | - | | | V | - | | | | ~ | | | | Ē | 3.7gr | |
| 2 | Watermelon | oy 15 21 | | | | ~ | - | | | | \checkmark | | | | E | 3.9gr | |
| | | | | | | | | | | | | | | | | | Report in mg/gr and % (percentage) |
| | Relinquished By: | Date | Time | | 1 | Re | ceived | By: | | | Da | te | Tir | me | | | Lab Use Only: |
| P | Nerrilt | 04/15/21 | r | 9 | Im | V | | | | | 4-1 | 5.21 | 113 | 25 | Evidence Sample i Cash | e of cooling: □ Y n good conditio | or □ Client drop 'es □ Mo - Temp (°C): 22.44 n=⊉ Yes □ No C(□ Net: |

Samples submitted to Columbia Laboratories with testing requirements constitute an agreement for services in accordance with the current terms of service associated with this COC. By signing "Relinquished by" you are agreeing to these terms 3 NE Whitaker Way and, OR 97230 Info@columbialaboratories.com Method of the current terms of service associated with this COC. By signing "Relinquished by" you are agreeing to these terms P: (503) 254-1794 | Fax: (503) 254-1752 | Page 1 _ of 1 | www.columbialaboratories.com Www.columbialaboratories.com 12423 NE Whitaker Way

Portland, OR 97230

Page 5 of 8

Page 5 of 8
<u>www.columbialaboratories.com</u>
Test results relate only to the parameters tested and to the samples as received by the laboratory. Test results meet all requirements of NELAP and the Columbia Laboratories quality assurance plan
unless otherwise noted. This report shall not be reproduced, except in full, without the written consent of this laboratory. Samples will be retained for a maximum of 30 days from the receipt date unless
prior arrangements have been made.
Testere exception





| Report Number: | 21-004139/D03.R00 |
|-----------------|-------------------|
| Report Date: | 04/21/2021 |
| ORELAP#: | OR100028 |
| Purchase Order: | |
| Received: | 04/15/21 11:25 |

Revision #: 0.00 Control : CFL-D06 Revision Date: 05/31/2019 Effective Date: 05/31/2019

| Laboratory Quality Control Results | | | | | | | | | | |
|------------------------------------|-----------|-------|-------|-------|----------------|------------|-------|--|--|--|
| J AOAC 2015 V98 | -6 | | | Bat | ch ID: 2103477 | | | | | |
| Laboratory Contro | ol Sample | | | | | | | | | |
| Analyte | Result | Spike | Units | % Rec | Limits | Evaluation | Notes | | | |
| CBDV-A | 0.0101 | 0.01 | % | 101 | 85.0 - 115 | Acceptable | | | | |
| CBDV | 0.0101 | 0.01 | % | 101 | 85.0 - 115 | Acceptable | | | | |
| CBD-A | 0.0104 | 0.01 | % | 104 | 85.0 - 115 | Acceptable | | | | |
| CBG-A | 0.00997 | 0.01 | % | 99.7 | 85.0 - 115 | Acceptable | | | | |
| CBG | 0.0102 | 0.01 | % | 102 | 85.0 - 115 | Acceptable | | | | |
| CBD | 0.0105 | 0.01 | % | 105 | 85.0 - 115 | Acceptable | | | | |
| THCV | 0.0103 | 0.01 | % | 103 | 85.0 - 115 | Acceptable | | | | |
| THCVA | 0.00959 | 0.01 | % | 95.9 | 85.0 - 115 | Acceptable | | | | |
| CBN | 0.0112 | 0.01 | % | 112 | 85.0 - 115 | Acceptable | | | | |
| THC | 0.0110 | 0.01 | % | 110 | 85.0 - 115 | Acceptable | | | | |
| D8THC | 0.0103 | 0.01 | % | 103 | 85.0 - 115 | Acceptable | | | | |
| CBL | 0.0101 | 0.01 | % | 101 | 85.0 - 115 | Acceptable | | | | |
| CBC | 0.0103 | 0.01 | % | 103 | 85.0 - 115 | Acceptable | | | | |
| THCA | 0.0106 | 0.01 | % | 106 | 85.0 - 115 | Acceptable | | | | |
| CBCA | 0.0102 | 0.01 | % | 102 | 85.0 - 115 | Acceptable | | | | |

Method Blank

| Analyte | Result | LOQ | Units | Limits | Evaluation | Notes |
|---------|--------------------------------------------------------------------------------------------|-------|-------|---------|------------|-------|
| CBDV-A | <loq< td=""><td>0.003</td><td>%</td><td>< 0.003</td><td>Acceptable</td><td></td></loq<> | 0.003 | % | < 0.003 | Acceptable | |
| CBDV | <loq< td=""><td>0.003</td><td>%</td><td>< 0.003</td><td>Acceptable</td><td></td></loq<> | 0.003 | % | < 0.003 | Acceptable | |
| CBD-A | <loq< td=""><td>0.003</td><td>%</td><td>< 0.003</td><td>Acceptable</td><td></td></loq<> | 0.003 | % | < 0.003 | Acceptable | |
| CBG-A | <loq< td=""><td>0.003</td><td>%</td><td>< 0.003</td><td>Acceptable</td><td></td></loq<> | 0.003 | % | < 0.003 | Acceptable | |
| CBG | <loq< td=""><td>0.003</td><td>%</td><td>< 0.003</td><td>Acceptable</td><td></td></loq<> | 0.003 | % | < 0.003 | Acceptable | |
| CBD | <loq< td=""><td>0.003</td><td>%</td><td>< 0.003</td><td>Acceptable</td><td></td></loq<> | 0.003 | % | < 0.003 | Acceptable | |
| THCV | <loq< td=""><td>0.003</td><td>%</td><td>< 0.003</td><td>Acceptable</td><td></td></loq<> | 0.003 | % | < 0.003 | Acceptable | |
| THCVA | <loq< td=""><td>0.003</td><td>%</td><td>< 0.003</td><td>Acceptable</td><td></td></loq<> | 0.003 | % | < 0.003 | Acceptable | |
| CBN | <loq< td=""><td>0.003</td><td>%</td><td>< 0.003</td><td>Acceptable</td><td></td></loq<> | 0.003 | % | < 0.003 | Acceptable | |
| тнс | <loq< td=""><td>0.003</td><td>%</td><td>< 0.003</td><td>Acceptable</td><td></td></loq<> | 0.003 | % | < 0.003 | Acceptable | |
| D8THC | <loq< td=""><td>0.003</td><td>%</td><td>< 0.003</td><td>Acceptable</td><td></td></loq<> | 0.003 | % | < 0.003 | Acceptable | |
| CBL | <loq< td=""><td>0.003</td><td>%</td><td>< 0.003</td><td>Acceptable</td><td></td></loq<> | 0.003 | % | < 0.003 | Acceptable | |
| CBC | <loq< td=""><td>0.003</td><td>%</td><td>< 0.003</td><td>Acceptable</td><td></td></loq<> | 0.003 | % | < 0.003 | Acceptable | |
| THCA | <loq< td=""><td>0.003</td><td>%</td><td>< 0.003</td><td>Acceptable</td><td></td></loq<> | 0.003 | % | < 0.003 | Acceptable | |
| CBCA | <loq< td=""><td>0.003</td><td>%</td><td>< 0.003</td><td>Acceptable</td><td></td></loq<> | 0.003 | % | < 0.003 | Acceptable | |

Abbreviations

ND - None Detected at or above MRL

RPD - Relative Percent Difference

LOQ - Limit of Quantitation

Units of Measure:

% - Percent

Page 6 of 8
www.columbialaboratories.com
Test results relate only to the parameters tested and to the samples as received by the laboratory. Test results meet all requirements of NELAP and the Columbia Laboratories quality assurance plan
unless otherwise noted. This report shall not be reproduced, except in full, without the written consent of this laboratory. Samples will be retained for a maximum of 30 days from the receipt date unless
prior arrangements have been made.
Testere surgements have been made.





| Report Number: | 21-004139/D03.R00 |
|-----------------|-------------------|
| Report Date: | 04/21/2021 |
| ORELAP#: | OR100028 |
| Purchase Order: | |
| Received: | 04/15/21 11:25 |

Revision #: 0.00 Control : CFL-D06 Revision Date: 05/31/2019 Effective Date: 05/31/2019

| | | | Labor | atory | Quality Co | ntrol Results | | |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|-------|-------|------------|---------------|------------|-------|
| J AOAC 2015 V | J AOAC 2015 V98-6 Batch ID: 2103477 | | | | | | | |
| Sample Duplicat | Sample ID: 21-004061-0001 | | | | | | | |
| Analyte | Result | Org. Result | LOQ | Units | RPD | Limits | Evaluation | Notes |
| CBDV-A | <loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<> | <loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<> | 0.003 | % | NA | < 20 | Acceptable | |
| CBDV | 0.00306 | 0.00308 | 0.003 | % | 0.424 | < 20 | Acceptable | |
| CBD-A | <loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<> | <loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<> | 0.003 | % | NA | < 20 | Acceptable | |
| CBG-A | <loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<> | <loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<> | 0.003 | % | NA | < 20 | Acceptable | |
| CBG | <loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<> | <loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<> | 0.003 | % | NA | < 20 | Acceptable | |
| CBD | 0.486 | 0.483 | 0.003 | % | 0.606 | < 20 | Acceptable | |
| THCV | <loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<> | <loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<> | 0.003 | % | NA | < 20 | Acceptable | |
| THCVA | <loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<> | <loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<> | 0.003 | % | NA | < 20 | Acceptable | |
| CBN | <loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<> | <loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<> | 0.003 | % | NA | < 20 | Acceptable | |
| THC | 0.0250 | 0.0248 | 0.003 | % | 0.442 | < 20 | Acceptable | |
| D8THC | <loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<> | <loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<> | 0.003 | % | NA | < 20 | Acceptable | |
| CBL | <loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<> | <loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<> | 0.003 | % | NA | < 20 | Acceptable | |
| CBC | <loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<> | <loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<> | 0.003 | % | NA | < 20 | Acceptable | |
| THCA | <loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<> | <loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<> | 0.003 | % | NA | < 20 | Acceptable | |
| CBCA | <loq< td=""><td><loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<></td></loq<> | <loq< td=""><td>0.003</td><td>%</td><td>NA</td><td>< 20</td><td>Acceptable</td><td></td></loq<> | 0.003 | % | NA | < 20 | Acceptable | |

Abbreviations

- ND None Detected at or above MRL
- RPD Relative Percent Difference
- LOQ Limit of Quantitation
- NA Calculation Not Applicable given non-numerical results

Units of Measure:

% - Percent

Page 7 of 8
<u>www.columbialaboratories.com</u> Page 7 of 8
Test results relate only to the parameters tested and to the samples as received by the laboratory. Test results meet all requirements of NELAP and the Columbia Laboratories quality assurance plan
unless otherwise noted. This report shall not be reproduced, except in full, without the written consent of this laboratory. Samples will be retained for a maximum of 30 days from the receipt date unless
prior arrangements have been made.
Tester except on the content of the samples are received by the laboratory.





Report Number: 21-004139/D03.R00 **Report Date:** 04/21/2021 **ORELAP#:** OR100028 **Purchase Order: Received:** 04/15/21 11:25

Explanation of QC Flag Comments:

| Code | Explanation | | | |
|------|---------------------------------------------------------------------------------------------|--|--|--|
| Q | Matrix interferences affecting spike or surrogate recoveries. | | | |
| Q1 | Quality control result biased high. Only non-detect samples reported. | | | |
| Q2 | Quality control outside QC limits. Data considered estimate. | | | |
| Q3 | Sample concentration greater than four times the amount spiked. | | | |
| Q4 | Non-homogenous sample matrix, affecting RPD result and/or % recoveries. | | | |
| Q5 | Spike results above calibration curve. | | | |
| Q6 | Quality control outside QC limits. Data acceptable based on remaining QC. | | | |
| R | Relative percent difference (RPD) outside control limit. | | | |
| R1 | RPD non-calculable, as sample or duplicate results are less than five times the LOQ. | | | |
| R2 | Sample replicates RPD non-calculable, as only one replicate is within the analytical range. | | | |
| LOQ1 | Quantitation level raised due to low sample volume and/or dilution. | | | |
| LOQ2 | Quantitaion level raised due to matrix interference. | | | |
| В | Analyte detected in method blank, but not in associated samples. | | | |
| B1 | The sample concentration is greater than 5 times the blank concentration. | | | |
| B2 | The sample concentration is less than 5 times the blank concentration. | | | |

Page 8 of 8
<u>www.columbialaboratories.com</u>
Test results relate only to the parameters tested and to the samples as received by the laboratory. Test results meet all requirements of NELAP and the Columbia Laboratories quality assurance plan
unless otherwise noted. This report shall not be reproduced, except in full, without the written consent of this laboratory. Samples will be retained for a maximum of 30 days from the receipt date unless
prior arrangements have been made.
Testere surgements have been made.