31 W 6th St. Medford OR 97501 (458) 658-6316 License: 1008606C050 Source RFID: 1A401030004274B000000860

Certificate of Analysis

Sample ID: GR0868 Report ID: TR-GR0868 Testing for Compliance

Report Date: 03/16/2023

Test RFID: 1A401030004274B000000868

| Client Name: | | License No: |
|-----------------|---------------------|--|
| Grown Rogue | | 060-101744462B2 |
| Contact: | | Address: |
| (541) 598-6343 | | 550 Airport Rd |
| seann@grownrogu | e.com | Medford, OR 97504 |
| Date Sampled: | 03/13/2023 | Description of the sample, sampling condition. |
| Sampled by: | Wendy Wen | Environmental conditions that may impact interpretation of the test result: |
| Sample Name: | Mendo Breath (Buds) | Sample appeared normal. There were not any |
| Sample Type: | Usable marijuana | environmental conditions that may impact interpretation of the test result. |
| Harvest Time: | 01/29/2023 | Sampling SOP: SOP007 |
| Sample Weight: | 31.88 g | |

Summary of Test Results

| Items | Value | Pass/Fail |
|----------------------------|------------------|-----------|
| Total THC: | 284.5 mg/g | N/A |
| Total CBD: | < LOQ | N/A |
| Delta-8 THC: | < LOQ | N/A |
| Water Activity: | 0.496 at 21.0 °C | Pass |
| Moisture Content: | 10.0% | Pass |
| Pesticides: | < LOQ | Pass |
| Mycotoxins: | < LOQ | Pass |
| Total Terpene ⁺ | 5.88% | N/A |

State limit for water activity is 0.65 and 15% for moisture content.

Medford OR 97501

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Certificate of Analysis

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Sample ID: GR0868 Report ID: TR-GR0868

Report Date: 03/16/2023

Test RFID: 1A401030004274B000000868

Source RFID: 1A401030004274B000000860

Moisture Content Analysis

Testing method: SOP-004

Analyzed by: Yujing Wen Analyzed date: 03/13/2023

Batch ID: MC121322

| Analyte | Result | |
|------------------|--------|--|
| Moisture Content | 10.0% | |

Water Activity Analysis

Testing method: SOP-009

Analyzed by: Yujing Wen Analyzed date: 03/13/2023

Batch ID: WA121322

| Analyte | Result | Temperature |
|----------------|--------|-------------|
| Water Activity | 0.496 | 21.0 °C |

Potency Analysis

Testing method: SOP-011Analyzed by: Yujing WenAnalyzed date: 03/13/2023Batch ID: PO121322

| Analyte | Result, mg/g | LOQ, mg/g |
|---------------------------|--------------|-----------|
| CBDA | < LOQ | 1 |
| CBD | < LOQ | 1 |
| CBG ⁺ | < LOQ | 1 |
| CBN ⁺ | < LOQ | 1 |
| Delta-9 THC | < LOQ | 1 |
| Delta-8 THC | < LOQ | 1 |
| CBC ⁺ | < LOQ | 1 |
| THCA | 324.4 | 1 |
| Total THC: ∆9+0.877×THCA | 284.5 | N/A |
| Total CBD: CBD+0.877×CBDA | < LOQ | N/A |
| Total Cannabinoids: | 324.4 | N/A |

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Certificate of Analysis

Testing for Compliance

Sample ID: GR0868 Report ID: TR-GR0868

Report Date: 03/16/2023

Test RFID: 1A401030004274B000000868

Terpene Analysis⁺

Testing method: SOP-012

Source RFID: 1A401030004274B000000860

Analyzed by: Yujing Wen Analyzed date: 03/14/2023

| Analyte | Result, % | LOQ, % |
|---------------------|-----------|--------|
| (-) Bornenol | 0.03 | 0.01 |
| (-) Camphor | < LOQ | 0.01 |
| (+) Borneol | 0.03 | 0.01 |
| (+) Camphor | < LOQ | 0.01 |
| 3-Carene | 0.22 | 0.01 |
| Alpha-Bisabolol | 0.03 | 0.01 |
| Alpha-Cedrene | 0.06 | 0.01 |
| Alpha-humulene | 0.11 | 0.01 |
| Alpha-Phellandrene | 0.16 | 0.01 |
| Alpha-Pinene | 0.14 | 0.01 |
| Alpha-Terpinene | 0.11 | 0.01 |
| Beta-Myrcene | 0.06 | 0.01 |
| Beta-Pinene | 0.13 | 0.01 |
| Beta-Terpineol | 1.07 | 0.01 |
| Camphene | 0.09 | 0.01 |
| Camphor | < LOQ | 0.01 |
| Caryophyllene | 0.73 | 0.01 |
| Caryophyllene oxide | 0.06 | 0.01 |
| Cedrol | < LOQ | 0.01 |
| D-Limonene | 0.55 | 0.01 |
| Eucalyptol | < LOQ | 0.01 |
| Farnesene | 0.01 | 0.01 |
| Fenchone-all | < LOQ | 0.01 |
| Feneol | 0.10 | 0.01 |
| Gamma-Terpinene | 0.29 | 0.01 |
| Gamma-Terpineol | 0.11 | 0.01 |
| Geraniol | < LOQ | 0.01 |
| Geranyl acetate | 0.10 | 0.01 |
| Guaiol | 0.10 | 0.01 |

31 W 6th St. Medford OR 97501 (458) 658-6316 License: 1008606C050 Source RFID: 1A401030004274B000000860

Certificate of Analysis

Testing for Compliance

Sample ID: GR0868 Report ID: TR-GR0868

Report Date: 03/16/2023

Test RFID: 1A401030004274B000000868

| Isoborneol | 0.03 | 0.01 |
|-------------------------|-------|------|
| Isopulegol | 0.04 | 0.01 |
| Linalool | 0.40 | 0.01 |
| Menthol/Hexahydrothymol | 0.05 | 0.01 |
| Naphthalene/Valencene | 0.14 | 0.01 |
| Nerol | < LOQ | 0.01 |
| Nerolidol | 0.15 | 0.01 |
| Ocimene | 0.34 | 0.01 |
| Pulegone | 0.04 | 0.01 |
| Sabinene | 0.05 | 0.01 |
| Sabinene Hydrate | 0.12 | 0.01 |
| Terpineol | 0.11 | 0.01 |
| Terpinolene | 0.12 | 0.01 |
| Total Terpenes | 5.88 | N/A |

Medford OR 97501

License: 1008606C050

(458) 658-6316

31 W 6th St.

Certificate of Analysis

Testing for Compliance

Sample ID: GR0868 Report ID: TR-GR0868

Report Date: 03/16/2023

Batch ID PE121322

Source RFID: 1A401030004274B000000860

Test RFID: 1A401030004274B000000868

Pesticide and Mycotoxin Analysis (Unit: ppm)

Testing method: SOP-010Analyzed by: Yujing WenAnalyzed date: 03/13/2023

| Analyte | Result | LOQ | State Action Level |
|----------------------|--------|------|--------------------|
| Abamectin | < LOQ | 0.25 | 0.5 |
| Acephate | < LOQ | 0.20 | 0.4 |
| Acequinocyl | < LOQ | 1.00 | 2.0 |
| Acetamiprid | < LOQ | 0.10 | 0.2 |
| Aldicarb | < LOQ | 0.20 | 0.4 |
| Azoxystrobin | < LOQ | 0.10 | 0.2 |
| Bifenazate | < LOQ | 0.10 | 0.2 |
| Bifenthrin | < LOQ | 0.10 | 0.2 |
| Boscalid | < LOQ | 0.20 | 0.4 |
| Carbaryl | < LOQ | 0.10 | 0.2 |
| Carbofuran | < LOQ | 0.10 | 0.2 |
| Chloranthraniliprole | < LOQ | 0.10 | 0.2 |
| Chlorfenapyr | < LOQ | 1.00 | 1.0 |
| Chlorpyrifos | < LOQ | 0.10 | 0.2 |
| Clofentezine | < LOQ | 0.10 | 0.2 |
| Cyfluthrin | < LOQ | 0.50 | 1.0 |
| Cypermethrin | < LOQ | 0.50 | 1.0 |
| Daminozide | < LOQ | 0.50 | 1.0 |
| DDVP (Dichlorvos) | < LOQ | 0.50 | 1.0 |
| Diazinon | < LOQ | 0.10 | 0.2 |
| Dimethoate | < LOQ | 0.10 | 0.2 |
| Ethoprophos | < LOQ | 0.10 | 0.2 |
| Etofenprox | < LOQ | 0.20 | 0.4 |
| Etoxazole | < LOQ | 0.10 | 0.2 |
| Fenoxycarb | < LOQ | 0.10 | 0.2 |
| Fenpyroximate | < LOQ | 0.20 | 0.4 |
| Fipronil | < LOQ | 0.20 | 0.4 |
| Flonicamid | < LOQ | 0.50 | 1.0 |
| Fludioxonil | < LOQ | 0.20 | 0.4 |
| Hexythiazox | < LOQ | 0.50 | 1.0 |

31 W 6th St. Medford OR 97501 (458) 658-6316

Certificate of Analysis

Testing for Compliance

Sample ID: GR0868 Report ID: TR-GR0868

Report Date: 03/16/2023

License: 1008606C050

Source RFID: 1A401030004274B000000860

Test RFID: 1A401030004274B000000868

| Imazalil | <100 | 0.10 | 0.2 |
|---------------------------------------|-------|------|------|
| Inidaeloprid | | 0.10 | 0.2 |
| Kracovine Mathul | < LOQ | 0.20 | 0.4 |
| Kresoxim-ivietnyi | < LOQ | 0.20 | 0.4 |
| Malathion | < LOQ | 0.10 | 0.2 |
| Metalaxyl | < LOQ | 0.10 | 0.2 |
| Methiocarb | < LOQ | 0.10 | 0.2 |
| Methomyl | < LOQ | 0.20 | 0.4 |
| Methyl_Parathion | < LOQ | 0.20 | 0.2 |
| MGK-264 | < LOQ | 0.10 | 0.2 |
| Myclobutanil | < LOQ | 0.10 | 0.2 |
| NALED (Dibrom) | < LOQ | 0.25 | 0.5 |
| Oxamyl | < LOQ | 0.50 | 1.0 |
| Paclobutrazol | < LOQ | 0.20 | 0.4 |
| Permethrins | < LOQ | 0.10 | 0.2 |
| Phosmet | < LOQ | 0.10 | 0.2 |
| Piperonyl_Butoxide | < LOQ | 1.00 | 2.0 |
| Prallethrin | < LOQ | 0.10 | 0.2 |
| Propiconazole | < LOQ | 0.20 | 0.4 |
| Propoxur | < LOQ | 0.10 | 0.2 |
| Pyrethrin | < LOQ | 0.50 | 1.0 |
| Pyridaben | < LOQ | 0.10 | 0.2 |
| Spinosad | < LOQ | 0.10 | 0.2 |
| Spiromesifen | < LOQ | 0.10 | 0.2 |
| Spirotetramat | < LOQ | 0.10 | 0.2 |
| Spiroxamine | < LOQ | 0.20 | 0.4 |
| Tebuconazole | < LOQ | 0.20 | 0.4 |
| Thiacloprid | < LOQ | 0.10 | 0.2 |
| Thiamethoxam | < LOQ | 0.10 | 0.2 |
| Trifloxystrobin | < LOQ | 0.10 | 0.2 |
| Total of Aflatoxin B1, B2, G1, and G2 | < LOQ | 0.01 | 0.02 |
| Ochratoxin A | < LOQ | 0.01 | 0.02 |

MW Labs

Medford OR 97501

License: 1008606C050

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Certificate of Analysis

Sample ID: GR0868 Report ID: TR-GR0868 Testing for Compliance

Report Date: 03/16/2023

Source RFID: 1A401030004274B000000860

Test RFID: 1A401030004274B000000868

Quality Control Results

Potency Analysis

Test Method: SOP-011

| Blank: MBLK | | | | |
|-------------|--------------|-----------|--|--|
| Analyte | Result, mg/g | LOQ, mg/g | | |
| CBD | < LOQ | 1 | | |
| CBDA | < LOQ | 1 | | |
| Delta-9 THC | < LOQ | 1 | | |
| Delta-8 THC | < LOQ | 1 | | |
| THCA | < LOQ | 1 | | |

| LCS: LCS | | | | |
|-------------|------------|---------------------|--|--|
| Analyte | % Recovery | % Recovery Criteria | | |
| CBD | 106 | 90-110 | | |
| CBDA | 105 | 90-110 | | |
| Delta-9 THC | 108 | 90-110 | | |
| Delta-8 THC | 106 | 90-110 | | |
| THCA | 103 | 90-110 | | |

Certificate of Analysis

Testing for Compliance

31 W 6th St. Medford OR 97501 (458) 658-6316 License: 1008606C050 Source RFID: 1A401030004274B000000860

Sample ID: GR0868 Report ID: TR-GR0868

Report Date: 03/16/2023

Test RFID: 1A401030004274B000000868

Quality Control Results

Pesticide and Mycotoxin Analysis (Unit: ppm)

Testing method: SOP-010 by LC/MS/MS

| Blank: MBLK | | | |
|----------------------|--------|------|--------------------|
| Analyte | Result | LOQ | State Action Level |
| Abamectin | < LOQ | 0.25 | 0.5 |
| Acephate | < LOQ | 0.20 | 0.4 |
| Acequinocyl | < LOQ | 1.00 | 2.0 |
| Acetamiprid | < LOQ | 0.10 | 0.2 |
| Aldicarb | < LOQ | 0.20 | 0.4 |
| Azoxystrobin | < LOQ | 0.10 | 0.2 |
| Bifenazate | < LOQ | 0.10 | 0.2 |
| Bifenthrin | < LOQ | 0.10 | 0.2 |
| Boscalid | < LOQ | 0.20 | 0.4 |
| Carbaryl | < LOQ | 0.10 | 0.2 |
| Carbofuran | < LOQ | 0.10 | 0.2 |
| Chloranthraniliprole | < LOQ | 0.10 | 0.2 |
| Chlorfenapyr | < LOQ | 1.00 | 1.0 |
| Chlorpyrifos | < LOQ | 0.10 | 0.2 |
| Clofentezine | < LOQ | 0.10 | 0.2 |
| Cyfluthrin | < LOQ | 0.50 | 1.0 |
| Cypermethrin | < LOQ | 0.50 | 1.0 |
| Daminozide | < LOQ | 0.50 | 1.0 |
| DDVP (Dichlorvos) | < LOQ | 0.50 | 1.0 |
| Diazinon | < LOQ | 0.10 | 0.2 |
| Dimethoate | < LOQ | 0.10 | 0.2 |
| Ethoprophos | < LOQ | 0.10 | 0.2 |
| Etofenprox | < LOQ | 0.20 | 0.4 |
| Etoxazole | < LOQ | 0.10 | 0.2 |
| Fenoxycarb | < LOQ | 0.10 | 0.2 |
| Fenpyroximate | < LOQ | 0.20 | 0.4 |

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Certificate of Analysis

Testing for Compliance

Sample ID: GR0868 Report ID: TR-GR0868

Report Date: 03/16/2023

License: 1008606C050

Source RFID: 1A401030004274B000000860

Test RFID: 1A401030004274B000000868

| Fipronil | < LOQ | 0.20 | 0.4 |
|--------------------|-------|------|------|
| Flonicamid | < LOQ | 0.50 | 1.0 |
| Fludioxonil | < LOQ | 0.20 | 0.4 |
| Hexythiazox | < LOQ | 0.50 | 1.0 |
| Imazalil | < LOQ | 0.10 | 0.2 |
| Imidacloprid | < LOQ | 0.20 | 0.4 |
| Kresoxim-Methyl | < LOQ | 0.20 | 0.4 |
| Malathion | < LOQ | 0.10 | 0.2 |
| Metalaxyl | < LOQ | 0.10 | 0.2 |
| Methiocarb | < LOQ | 0.10 | 0.2 |
| Methomyl | < LOQ | 0.20 | 0.4 |
| Methyl_Parathion | < LOQ | 0.20 | 0.2 |
| MGK-264 | < LOQ | 0.10 | 0.2 |
| Myclobutanil | < LOQ | 0.10 | 0.2 |
| NALED (Dibrom) | < LOQ | 0.25 | 0.5 |
| Oxamyl | < LOQ | 0.50 | 1.0 |
| Paclobutrazol | < LOQ | 0.20 | 0.4 |
| Permethrins | < LOQ | 0.10 | 0.2 |
| Phosmet | < LOQ | 0.10 | 0.2 |
| Piperonyl_Butoxide | < LOQ | 1.00 | 2.0 |
| Prallethrin | < LOQ | 0.10 | 0.2 |
| Propiconazole | < LOQ | 0.20 | 0.4 |
| Propoxur | < LOQ | 0.10 | 0.2 |
| Pyrethrin | < LOQ | 0.50 | 1.0 |
| Pyridaben | < LOQ | 0.10 | 0.2 |
| Spinosad | < LOQ | 0.10 | 0.2 |
| Spiromesifen | < LOQ | 0.10 | 0.2 |
| Spirotetramat | < LOQ | 0.10 | 0.2 |
| Spiroxamine | < LOQ | 0.20 | 0.4 |
| Tebuconazole | < LOQ | 0.20 | 0.4 |
| Thiacloprid | < LOQ | 0.10 | 0.2 |
| Thiamethoxam | < LOQ | 0.10 | 0.2 |
| Trifloxystrobin | < LOQ | 0.10 | 0.2 |
| Aflatoxin G1 | < LOQ | 0.01 | 0.02 |
| Aflatoxin G2 | < LOQ | 0.01 | 0.02 |
| Aflatoxin B1 | < LOQ | 0.01 | 0.02 |

| M | W | La | bs |
|---|---|----|----|
| | | | |

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31 W 6th St.

Certificate of Analysis

Testing for Compliance

Sample ID: GR0868 Report ID: TR-GR0868

Report Date: 03/16/2023

Test RFID: 1A401030004274B000000868

Source RFID: 1A401030004274B000000860

| Aflatoxin B2 | < LOQ | 0.01 | 0.02 |
|--------------|-------|------|------|
| Ochratoxin A | < LOQ | 0.01 | 0.02 |

| LCS: LCS | | | | |
|----------------------|------------|---------------------|------|--------------------|
| Analyte | % Recovery | % Recovery Criteria | LOQ | State Action Level |
| Abamectin | 63 | 50-150 | 0.25 | 0.5 |
| Acephate | 60 | 60-120 | 0.20 | 0.4 |
| Acequinocyl | 109 | 40-160 | 1.00 | 2.0 |
| Acetamiprid | 66 | 60-120 | 0.10 | 0.2 |
| Aldicarb | 116 | 60-120 | 0.20 | 0.4 |
| Azoxystrobin | 73 | 60-120 | 0.10 | 0.2 |
| Bifenazate | 73 | 60-120 | 0.10 | 0.2 |
| Bifenthrin | 109 | 50-150 | 0.10 | 0.2 |
| Boscalid | 97 | 60-120 | 0.20 | 0.4 |
| Carbaryl | 115 | 60-120 | 0.10 | 0.2 |
| Carbofuran | 68 | 60-120 | 0.10 | 0.2 |
| Chloranthraniliprole | 78 | 60-120 | 0.10 | 0.2 |
| Chlorfenapyr | 67 | 60-120 | 1.00 | 1.0 |
| Chlorpyrifos | 77 | 60-120 | 0.10 | 0.2 |
| Clofentezine | 117 | 60-120 | 0.10 | 0.2 |
| Cyfluthrin | 135 | 50-150 | 0.50 | 1.0 |
| Cypermethrin | 148 | 50-150 | 0.50 | 1.0 |
| Daminozide | 77 | 60-120 | 0.50 | 1.0 |
| DDVP (Dichlorvos) | 118 | 60-120 | 0.50 | 1.0 |
| Diazinon | 82 | 60-120 | 0.10 | 0.2 |
| Dimethoate | 115 | 60-120 | 0.10 | 0.2 |
| Ethoprophos | 79 | 60-120 | 0.10 | 0.2 |
| Etofenprox | 109 | 50-150 | 0.20 | 0.4 |
| Etoxazole | 93 | 60-120 | 0.10 | 0.2 |
| Fenoxycarb | 67 | 60-120 | 0.10 | 0.2 |
| Fenpyroximate | 86 | 60-120 | 0.20 | 0.4 |
| Fipronil | 97 | 60-120 | 0.20 | 0.4 |
| Flonicamid | 109 | 60-120 | 0.50 | 1.0 |
| Fludioxonil | 114 | 50-150 | 0.20 | 0.4 |

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Certificate of Analysis

Testing for Compliance

Sample ID: GR0868 Report ID: TR-GR0868

Report Date: 03/16/2023

| Source RFID: 1A401030004274B00 | 0000860 | | Test RFID: 1A40 | 01030004274B000000868 |
|--------------------------------|---------|--------|-----------------|-----------------------|
| Hexythiazox | 77 | 60-120 | 0.50 | 1.0 |
| Imazalil | 90 | 60-120 | 0.10 | 0.2 |
| Imidacloprid | 112 | 60-120 | 0.20 | 0.4 |
| Kresoxim-Methyl | 61 | 60-120 | 0.20 | 0.4 |
| Malathion | 83 | 60-120 | 0.10 | 0.2 |
| Metalaxyl | 78 | 60-120 | 0.10 | 0.2 |
| Methiocarb | 66 | 60-120 | 0.10 | 0.2 |
| Methomyl | 112 | 60-120 | 0.20 | 0.4 |
| Methyl_Parathion | 77 | 50-150 | 0.20 | 0.2 |
| MGK-264 | 149 | 50-150 | 0.10 | 0.2 |
| Myclobutanil | 75 | 60-120 | 0.10 | 0.2 |
| NALED (Dibrom) | 55 | 50-150 | 0.25 | 0.5 |
| Oxamyl | 75 | 60-120 | 0.50 | 1.0 |
| Paclobutrazol | 75 | 60-120 | 0.20 | 0.4 |
| Permethrins | 119 | 50-150 | 0.10 | 0.2 |
| Phosmet | 61 | 50-150 | 0.10 | 0.2 |
| Piperonyl_Butoxide | 62 | 60-120 | 1.00 | 2.0 |
| Prallethrin | 67 | 60-120 | 0.10 | 0.2 |
| Propiconazole | 63 | 60-120 | 0.20 | 0.4 |
| Propoxur | 94 | 60-120 | 0.10 | 0.2 |
| Pyrethrin | 99 | 60-120 | 0.50 | 1.0 |
| Pyridaben | 63 | 50-150 | 0.10 | 0.2 |
| Spinosad | 71 | 50-150 | 0.10 | 0.2 |
| Spiromesifen | 67 | 60-120 | 0.10 | 0.2 |
| Spirotetramat | 62 | 60-120 | 0.10 | 0.2 |
| Spiroxamine | 61 | 60-120 | 0.20 | 0.4 |
| Tebuconazole | 61 | 60-120 | 0.20 | 0.4 |
| Thiacloprid | 72 | 60-120 | 0.10 | 0.2 |
| Thiamethoxam | 75 | 60-120 | 0.10 | 0.2 |
| Trifloxystrobin | 74 | 60-120 | 0.10 | 0.2 |
| Aflatoxin G1 | 75 | 60-120 | 0.01 | 0.02 |
| Aflatoxin G2 | 106 | 60-120 | 0.01 | 0.02 |
| Aflatoxin B1 | 68 | 60-120 | 0.01 | 0.02 |
| Aflatoxin B2 | 66 | 60-120 | 0.01 | 0.02 |
| Ochratoxin A | 79 | 60-120 | 0.01 | 0.02 |

Medford OR 97501

31 W 6th St.

Certificate of Analysis

Testing for Compliance

Sample ID: GR0868 Report ID: TR-GR0868

Report Date: 03/16/2023

(458) 658-6316 License: 1008606C050

Source RFID: 1A401030004274B000000860

Test RFID: 1A401030004274B000000868

Attachments:

| Note: if answer is Yes for following items, statement is attached. Otherwise, no attachment. | | | |
|---|--------------------------------------|--|--|
| Deviation occurred in test? | Opinion and interpretation provided? | | |
| Answer: | Answer: | | |
| No | No | | |

Comments: *"N/A" if there is no comment made* N/A

| Chuque Ma | | Quality Managar | |
|--------------|--------|-----------------|--|
| Shuguo ivia, | PII.D, | Quality Manager | |

Signature:

Date: 16March2023