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|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------|-----------------------------|------------|
|  | บริษัท จีทีจี แพลนท์ แฟคตอรี จำกัด (โรงผลิตปลูกและสกัดพืชกัญชง แม่กรณ์ เชียงราย) |                             |            |
|                                                                                   | Document No.: FM-QA-034                                                          | Title : Potency Test Report |            |
|                                                                                   | Issued date : 01/11/2022                                                         | Rev.No.: 002                | Page : 1/4 |

Sample Code : Runtz (C-FW-DR-08-04G22-A)  
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Sample Type : Dried flower  
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Date of analysis : 05-01-23  
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| Test             | Result    |   |       |       | Analyst | Remark            |
|------------------|-----------|---|-------|-------|---------|-------------------|
| Potency          | Total CBD | = | ND    | % w/w |         | ND = Not Detected |
|                  | Total THC | = | 21.37 | % w/w |         |                   |
|                  | Total CBG | = | 0.43  | % w/w |         |                   |
|                  | Total CBN | = | ND    | % w/w |         |                   |
| Moisture content | Moisture  | = | -     | %     | -       | -                 |

Approved By : \_\_\_\_\_

Approved Date : \_\_\_\_\_

|                                                                                   |                                                                                  |                             |            |
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Sample Code : Runtz (C-FW-DR-08-04G22-A)

Sample Type : Dried flower

| Sample       |        |        |
|--------------|--------|--------|
| Weighing (g) | A      | B      |
| Gross        | -      | -      |
| Paper        | -      | -      |
| Net          | 0.1014 | 0.1025 |

| Sample A | Area        |             | Average     | RT     |        |
|----------|-------------|-------------|-------------|--------|--------|
|          | Inj. 1      | Inj. 2      |             | Inj. 1 | Inj. 2 |
| CBDA     | -           | -           | -           | -      | -      |
| CBGA     | 12397.045   | 12404.703   | 12400.874   | 3.665  | 3.668  |
| CBG      | 3736.136    | 3715.878    | 3726.007    | 3.875  | 3.877  |
| CBD      | -           | -           | -           | -      | -      |
| CBN      | -           | -           | -           | -      | -      |
| D9-THC   | 36870.687   | 36878.762   | 36874.725   | 6.501  | 6.502  |
| THCA     | 1182864.653 | 1180512.880 | 1181688.767 | 7.548  | 7.547  |

| Sample B | Area        |             | Average     | RT     |        |
|----------|-------------|-------------|-------------|--------|--------|
|          | Inj. 1      | Inj. 2      |             | Inj. 1 | Inj. 2 |
| CBDA     | -           | -           | -           | -      | -      |
| CBGA     | 13063.963   | 12995.571   | 13029.767   | 3.663  | 3.663  |
| CBG      | 3767.770    | 3771.030    | 3769.400    | 3.872  | 3.872  |
| CBD      | -           | -           | -           | -      | -      |
| CBN      | -           | -           | -           | -      | -      |
| D9-THC   | 38229.187   | 38239.683   | 38234.435   | 6.497  | 6.497  |
| THCA     | 1209640.905 | 1210179.572 | 1209910.239 | 7.544  | 7.544  |

|                                                                                   |                                                                                  |                             |            |
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Sample Code : Runtz (C-FW-DR-08-04G22-A)

#### Calculation concentration

Lot No. of calibration curve : 02-040722

CBDA :  $Y = 14247X - 5663.1$   
 CBGA :  $Y = 14503X - 5582.9$   
 CBG :  $Y = 11855X - 3803.7$   
 CBD :  $Y = 11884X - 4306.7$   
 CBN :  $Y = 19850X - 8752.2$   
 $\Delta^9$ -THC-D3 :  $Y = 11844X - 3612.4$   
 THCA :  $Y = 12595X - 5836.6$

| Concentration (µg/mL) | A     | B     |
|-----------------------|-------|-------|
| CBDA                  | -     | -     |
| CBGA                  | 1.24  | 1.28  |
| CBG                   | 0.64  | 0.64  |
| CBD                   | -     | -     |
| CBN                   | -     | -     |
| $\Delta^9$ -THC       | 3.42  | 3.53  |
| THCA                  | 94.29 | 96.53 |

#### Calculation the amount of each cannabinoid

$$\text{Cannabinoid in sample (\%w/w)} = \frac{\text{Concentration (\mu g/mL)} \times \text{Volume (mL)} \times \text{Dilution factor}}{\text{Mass (g)} \times 10000}$$

$$\begin{aligned}
 \text{Total CBD} &= (\% \text{CBDA} \times 0.877) + \% \text{CBD} \\
 \text{Total THC} &= (\% \text{THCA} \times 0.877) + \% \Delta^9\text{-THC} \\
 \text{Total CBG} &= (\% \text{CBGA} \times 0.877) + \% \text{CBG} \\
 \text{Total CBN} &= \% \text{CBN}
 \end{aligned}$$

|                                                                                   |                                                                                  |                             |            |
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Sample Code : Runtz (C-FW-DR-08-04G22-A)  
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**Calculation the amount of each cannabinoid**

Volume : 12.5 mL

Dilution factor : 20

| Amount cannabinoid | A (%w/w) | B (%w/w) | Average | Total CBD (%w/w) | Total THC (%w/w) | %RPD |
|--------------------|----------|----------|---------|------------------|------------------|------|
| CBDA               | -        | -        | -       | -                | 21.37            | -    |
| CBD                | -        | -        | -       |                  |                  | -    |
| $\Delta^9$ -THC    | 0.84     | 0.86     | 0.85    |                  |                  | 2.2  |
| THCA               | 23.25    | 23.54    | 23.39   |                  |                  | 1.3  |

| Amount cannabinoid | A (%w/w) | B (%w/w) | Average | Total CBG (%w/w) | Total CBN (%w/w) | %RPD |
|--------------------|----------|----------|---------|------------------|------------------|------|
| CBGA               | 0.31     | 0.31     | 0.31    | 0.43             | -                | 2.4  |
| CBG                | 0.16     | 0.16     | 0.16    |                  |                  | 0.5  |
| CBN                | -        | -        | -       |                  |                  | -    |

RPD (Not more than 10.0%)