

## CERTIFICATE OF ANALYSIS

|              |                |               |                                |
|--------------|----------------|---------------|--------------------------------|
| Product Name | Ginger Extract | Latin Name    | <i>Zingiber officinal Rosc</i> |
| Batch No     | PY-GI20190726  | Used Part     | Rhizome                        |
| Quantity     | 500KG          | Analysis Date | Jul.29,2019                    |
| Mfg. Date    | Jul.26,2019    | Exp. Date     | Jul.25,2021                    |

| No. | Item              | Specification          | Result      |
|-----|-------------------|------------------------|-------------|
| 1.  | Appearance        | Yellow fine powder     | Complies    |
| 2.  | Odor & Taste      | Characteristic         | Complies    |
| 3.  | Particle Size     | 95% pass 80 mesh sieve | Complies    |
| 4.  | Extract Solvents  | Water & Ethanol        | Complies    |
| 5.  | Assay(by UV)      | Gingerols≥5%           | 5.05%       |
| 6.  | Loss on Drying    | ≤5.0%                  | 3.14%       |
| 7.  | Ash               | ≤5.0%                  | 2.21%       |
| 8.  | Heavy Metals      | ≤10ppm                 | <10ppm      |
| 9.  | As                | ≤2ppm                  | <2ppm       |
| 10. | Pb                | ≤2ppm                  | <2ppm       |
| 11. | Total Plate Count | ≤1,000cfu/g            | <1,000cfu/g |
| 12. | Yeasts & Molds    | ≤100cfu/g              | <100cfu/g   |
| 13. | E.Coli            | Negative               | Negative    |
| 14. | Salmonella        | Negative               | Negative    |
| 15. | Staphylococcus    | Negative               | Negative    |

Store in tightly closed original container, protected from light, moisture, oxygen. Keep in a dry place at room temperature(25.0℃).

Non-GMO, TSE/BSE Free, Non-Irradiation, 100% Natural

Package: Packed in paper-drums and two plastic-bags inside. N.W: 25kgs. I.D.35\*H51cm

Conclusion: Conform with specification.

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