

## CERTIFICATE OF ANALYSIS

|              |                      |               |                                 |
|--------------|----------------------|---------------|---------------------------------|
| Product Name | Ginseng Leaf Extract | Latin Name    | <i>Panax Ginseng C.A. Meyer</i> |
| Batch No     | PY-PG20190711        | Used Part     | Leaf & Stem                     |
| Quantity     | 500KG                | Analysis Date | Jul.14,2019                     |
| Mfg. Date    | Jul.11,2019          | Exp. Date     | Jul.10,2021                     |

| No. | Item              | Specification             | Result      |
|-----|-------------------|---------------------------|-------------|
| 1.  | Appearance        | Yellow fine powder        | Complies    |
| 2.  | Odor & Taste      | Characteristic            | Complies    |
| 3.  | Identification    | Identical to R.S. sample  | Positive    |
| 4.  | Particle Size     | 95% pass 100 mesh         | Complies    |
| 5.  | Extract Solvent   | Water & Ethanol           | Complies    |
| 6.  | Assay( by HPLC)   | Ginsenosides $\geq$ 20.0% | 20.38%      |
| 7.  | Loss on Drying    | $\leq$ 5.0%               | 3.89%       |
| 8.  | Ash               | $\leq$ 5.0%               | 3.05%       |
| 9.  | Heavy Metals      | $\leq$ 10ppm              | <10ppm      |
| 10. | Pb                | $\leq$ 2ppm               | <2ppm       |
| 11. | As                | $\leq$ 2ppm               | <2ppm       |
| 12. | Cd                | $\leq$ 0.2ppm             | <0.2ppm     |
| 13. | Hg                | $\leq$ 0.2ppm             | <0.2ppm     |
| 14. | Solvent Residue   | $\leq$ 0.05%              | <0.05%      |
| 15. | Pesticide Residue | PCNB $\leq$ 10ppb         | Complies    |
|     |                   | DDT $\leq$ 10ppb          | Complies    |
|     |                   | BHC $\leq$ 10ppb          | Complies    |
| 16. | Total Plate Count | $\leq$ 1,000cfu/g         | <1,000cfu/g |
| 17. | Yeasts & Molds    | $\leq$ 100cfu/g           | <100cfu/g   |
| 18. | E.Coli            | Negative                  | Negative    |
| 19. | Salmonella        | Negative                  | Negative    |

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

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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