

## CERTIFICATE OF ANALYSIS

|              |                     |               |                             |
|--------------|---------------------|---------------|-----------------------------|
| Product Name | Pomegranate Extract | Latin Name    | <i>Punica granatum Linn</i> |
| Batch No     | PY-PO20191104       | Used Part     | Peel                        |
| Quantity     | 1000KG              | Analysis Date | Nov.07,2019                 |
| Mfg. Date    | Nov.04,2019         | Exp. Date     | Nov.03,2021                 |

| No. | Item              | Specification            | Result      |
|-----|-------------------|--------------------------|-------------|
| 1.  | Appearance        | Brown fine Powder        | Complies    |
| 2.  | Odor              | Characteristic           | Complies    |
| 3.  | Particle size     | 100% pass 80 mesh        | Complies    |
| 4.  | Extract Solvent   | Water and ethanol        | Complies    |
| 5.  | Assay (by HPLC)   | Punicalagin $\geq$ 30.0% | 30.21%      |
| 6.  | Loss on Drying    | $\leq$ 5.0%              | 3.21%       |
| 7.  | Ash               | $\leq$ 5.0%              | 2.64%       |
| 8.  | Heavy Metals      | $\leq$ 10ppm             | <10ppm      |
| 9.  | Pb                | $\leq$ 3.0ppm            | <3.0ppm     |
| 10. | As                | $\leq$ 1.0ppm            | <1.0ppm     |
| 11. | Cd                | $\leq$ 1.0ppm            | <1.0ppm     |
| 12. | Hg                | $\leq$ 0.1ppm            | <0.1ppm     |
| 13. | Total Plate Count | $\leq$ 10,000cfu/g       | <1,000cfu/g |
| 14. | Yeasts & Molds    | $\leq$ 1,000cfu/g        | <100cfu/g   |
| 15. | E.Coli            | Negative                 | Negative    |
| 16. | Salmonella        | Negative                 | Negative    |

NON-IRRADIATED/NON-GMO/BSE FREE

Store in well-closed container at room temperature, protect from light, moisture and pest infestation.

Conclusion: Conform with specification.

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