



## Shaanxi LonierHerb Bio-Technology Co., Ltd.

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### Certificate of Analysis

#### Product Information

|                |                             |                  |             |
|----------------|-----------------------------|------------------|-------------|
| Product Name   | Tribulus Terrestris Extract | Report Number    | GPL20210323 |
| Botanical Name | Tribulus Terrestris         | Manufacture Date | 2021.03.01  |
| Used Part      | Fruit                       | Analysis Date    | 2021.03.06  |
| Batch Number   | GPL210301                   | Report Date      | 2021.03.11  |
| Batch Quantity | 800KG                       | Expiry Date      | 2024.02.28  |

| Test items | Specifications | Result | Test Methods |
|------------|----------------|--------|--------------|
|------------|----------------|--------|--------------|

#### Active Ingredients

|          |           |        |    |
|----------|-----------|--------|----|
| Saponins | NLT 90.0% | 95.60% | UV |
|----------|-----------|--------|----|

#### Physical & Chemical Data

|                |                     |             |                |
|----------------|---------------------|-------------|----------------|
| Appearance     | Brown Fine Powder   | Conforms    | Visual         |
| Odor and Taste | Characteristic      | Conforms    | Organoleptic   |
| Sieve analysis | 90% through 80 mesh | Conforms    | 80 Mesh Screen |
| Loss on Drying | ≤5.0 %              | 3.15%       | 105°C/2 hrs    |
| Total Ash      | ≤5.0 %              | 1.98%       | GB 5009.4      |
| Bulk Density   | 40~60 g/100mL       | 48.90%      | GB/T 18798.5   |
| Tap Density    | 60~90g/100mL        | 66.5g/100mL | GB/T 18798.5   |

#### Contaminants

|              |           |          |        |
|--------------|-----------|----------|--------|
| Lead (Pb)    | <3.0mg/kg | Conforms | ICP-MS |
| Arsenic (As) | <2.0mg/kg | Conforms | ICP-MS |
| Cadmium (Cd) | <1.0mg/kg | Conforms | ICP-MS |
| Mercury (Hg) | <0.1mg/kg | Conforms | ICP-MS |

#### Microbiological

|                       |             |          |            |
|-----------------------|-------------|----------|------------|
| Total Aerobic Count   | ≤ 1000cfu/g | Conforms | GB 4789.2  |
| Yeast & Moulds        | ≤ 100cfu/g  | Conforms | GB 4789.15 |
| E-Coli                | Negative    | Conforms | GB 4789.3  |
| Salmonella            | Negative    | Conforms | GB 4789.4  |
| Staphylococcus Aureus | Negative    | Conforms | GB 4789.10 |

#### Storage & Packing

|             |                                                                     |
|-------------|---------------------------------------------------------------------|
| Shelf Life: | 3 years when properly stored.                                       |
| Packing :   | Packed in paper-drums and two plastic-bags inside.                  |
| Storage:    | Store in cool & dry place, not freeze. Keep away from strong light. |

Remarks: This product is natural, the color vary from batch to batch.

Tested by: 张丽娟

Checker: 李明

Approved:

