



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

Add: Tuanjie South Road No.11, Hi-tech Zone, Xi'an China

Tel: +86-29-87551862/ 85875292

www.Lonierherb.com E-mail:info@lonierherb.com

### Technical Data Sheet

#### Product Information

|              |                               |
|--------------|-------------------------------|
| Product Name | Red Rice Yeast Extract Powder |
| Latin Name   | Monascus Purpureus            |
| Used Part    | Rice                          |

| <i>Test items</i> | <i>Specifications</i> | <i>Test Methods</i> |
|-------------------|-----------------------|---------------------|
|-------------------|-----------------------|---------------------|

#### Active Ingredients

|             |       |      |
|-------------|-------|------|
| Monacolin K | NLT5% | HPLC |
|-------------|-------|------|

#### Physical & Chemical Data

|                |                        |                |
|----------------|------------------------|----------------|
| Appearance     | Red Purple Fine Powder | Visual         |
| Odor and Taste | Characteristic         | Organoleptic   |
| Sieve analysis | 90% through 80 mesh    | 80 Mesh Screen |
| Loss on Drying | ≤5.0 %                 | 105°C/2 hrs    |
| Total Ash      | ≤5.0 %                 | GB 5009.4-2016 |
| Bulk Density   | 40~60 g/100mL          | GB/T 18798.5   |
| Tap Density    | 60~90g/100mL           | GB/T 18798.5   |

#### Contaminants

|                  |             |        |
|------------------|-------------|--------|
| Lead (Pb)        | <3.0mg/kg   | ICP-MS |
| Arsenic (As)     | <2.0mg/kg   | ICP-MS |
| Cadmium (Cd)     | <1.0mg/kg   | ICP-MS |
| Mercury (Hg)     | <0.1mg/kg   | ICP-MS |
| Solvents Residue | <5000 mg/kg | GC     |

#### Microbiological

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