



We Bring Natural Ingredient From Nature

Shaanxi Guanjie Technology Co., Ltd.

**Certificate of Analysis**

|                                  |  |                         |                      |
|----------------------------------|--|-------------------------|----------------------|
| <b>Product Name</b>              | Red kojic rice extract   | <b>Manufacture Date</b> | Oct. 23, 2021        |
| <b>Batch No.</b>                 | RE211023   | <b>Certificate Date</b> | Oct. 28, 2021        |
| <b>Batch Quantity</b>            | 500kgs   | <b>Expiration Date</b>  | Oct. 22, 2023        |
| <b>Storage Condition</b>         | Store in cool & dry place, Keep away from strong light and heat. |                         |                      |
| <b>Item</b>                      | <b>Specification</b>   | <b>Result</b>           | <b>Method</b>        |
| <b>Basic Product Information</b> |  |                         |                      |
| Country of Origin                | China  | Conform                 | /                    |
| Genus and Species                | <i>Oryza sativa subsp. indica</i>                                | Conform                 | /                    |
| Used Part                        | Seeds  | Conform                 | /                    |
| <b>Marker Compounds</b>          |  |                         |                      |
| Monacolin-k                      | >5%  | 5.14%                   | HPLC                 |
| <b>Organoleptic Data</b>         |  |                         |                      |
| Appearance                       | Fine Powder  | Conform                 | GJ-QCS-1008          |
| Color                            | Light red to dark red powder                                     | Conform                 | GB/T 5492-2008       |
| Odor                             | Characteristic   | Conform                 | GB/T 5492-2008       |
| Taste                            | Characteristic   | Conform                 | GB/T 5492-2008       |
| <b>Physical Characteristics</b>  |  |                         |                      |
| Peroxide value                   | <10 meq/kg   | Complies                | CP2010               |
| Particle Size (80 mesh)          | >100.0% pass 80mesh  | Conform                 | GB/T 5507-2008       |
| Loss on drying                   | <8.0%  | 5.71%                   | GB/T 14769-1993      |
| Ash Content                      | <5.0%  | 2.85%                   | AOAC 942.05, 18th    |
| Solvent Residue                  | Eur Pharm  | Conform                 | GJ-QCS-1007          |
| Aflatoxin B1                     | <2ppb  | Complies                | HPLC                 |
| AflatoxinB1,B2,G1,G2             | <4ppb  | Complies                | HPLC                 |
| Citrinin                         | <50ppb   | Not Detected            | HPLC                 |
| <b>Heavy Metals</b>              |  |                         |                      |
| Total Heavy Metals               | <10 ppm  | Conform                 | USP <231>, method II |
| As                               | <2.0ppm  | Conform                 | AOAC 986.15, 18th    |
| Pb                               | <2.0ppm  | Conform                 | AOAC 986.15, 18th    |
| Cd                               | <0.5ppm  | Conform                 | AOAC 986.15, 18th    |
| Hg                               | <0.5ppm  | Conform                 | AOAC 971.21, 18th    |
| <b>Microbiology Analysis</b>     |  |                         |                      |
| Total Plate Count                | <10000cfu/g  | Complies                | USP                  |
| Yeast & Mold                     | <100cfu/g  | Complies                | USP                  |
| E.Coli                           | Negative   | Not Detected            | USP                  |
| Salmonella                       | Negative   | Not Detected            | USP                  |
| Staphylococcus                   | Negative   | Not Detected            | USP                  |

**Conclusion: Complies with specification**

**Tested by:** Liu gang **Date:** 2021.10.28

**Approved by:** Susan Sun, Ph.D **Date:** 2021.10.28

