

## CERTIFICATE OF ANALYSIS

Produce Name: Urolithin A  
 Batch Number: JCF20210826  
 Manufacture Date: 2021-08-26  
 Formula: C<sub>13</sub>H<sub>8</sub>O<sub>4</sub>

CAS Number: 1143-70-0  
 Analysis Date: 2021-08-27  
 Expiry Date: 2023-08-26  
 Molecular Weight: 228.20

| Items                                  | Standards  | Results   | Method            |
|--|--|-----------|-------------------|
| <b>Physical and chemical analysis:</b> |  |           |                   |
| Description                            | Light yellow powder  | Qualified | Visual            |
| Assay                                  | >98%   | Qualified | HPLC              |
| Melting point                          | 340-345 °C   | Qualified | GB/T 617          |
| Density                                | 1.516  | Qualified | GB/T 613-88       |
| Moisture                               | ≤3%  | Qualified | GB/T 606-2003     |
| Ash                                    | ≤3%  | Qualified | GB/T 9741-88      |
| Solubility                             | Soluble in N, N-dimethylformamide, dimethylsulfoxide, slightly soluble in methanol, ethanol, ethyl acetate |           |                   |
| <b>Microbiological:</b>                |  |           |                   |
| Total Plate Count                      | ≤10000cfu/g  | Qualified | AOAC990.12,16th   |
| Yeast&Mold                             | ≤1000cfu/g   | Qualified | AOAC996.08、991.14 |
| E.coil                                 | Negative   | Negative  | AOAC2001.05       |
| Salmonella                             | Negative   | Negative  | AOAC990.12        |
| <b>General Status:</b>                 |  |           |                   |
| GMO Free                               | Complies   | Complies  |                   |
| Non-Irradiation                        | Complies   | Complies  |                   |
| <b>General Information:</b>            |  |           |                   |
| Conclusion                             | Conform to specification.  |           |                   |
| Packing                                | Packed in aluminum foil bag and two plastic-bags inside. N.W:1kg .L20×W15cm;                               |           |                   |
| Storage                                | Keep in cool & dry place. Keep away from strong light and heat.  |           |                   |
| Shelf life                             | 24 months under the conditions above and in its original packaging.  |           |                   |
| Sterilization                          | High temperature.  |           |                   |

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