



# Wuhan HengHeDa Pharm Co., Ltd

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Wuhan Economic& Technological Development Zone, Wuhan, China

## CERTIFICATE OF ANALYSIS

|                                   |  |                  |            |
|-----------------------------------|--|------------------|------------|
| Product name                      | Rosmarinic acid                                | CAS NO           | 20283-92-5 |
| Molecular formula                 | C <sub>18</sub> H <sub>16</sub> O <sub>8</sub> | Molecular weight | 360.33     |
| Batch NO.                         | HHD20200815                                    | Quantity         | 500KG      |
| Production date                   | 2020.08.15                                     | Expiry Date      | 2022.08.14 |
| Test based on enterprise standard |  |                  |            |
| Test Item                         | Specification                                  | Result           |            |
| Assay                             | ≥10.00%  | 10.26%           |            |
| Appearance                        | Brown powder                                   | Conform          |            |
| Smell                             | Characteristic odor                            | Conform          |            |
| Loss on Drying                    | ≤5.00%   | Conform          |            |
| Ash content                       | ≤5.00%   | Conform          |            |
| Sieve                             | 95% pass 80 mesh                               | Conform          |            |
| Total Heavy Metals                | ≤10ppm   | Conform          |            |
| Lead (Pb)                         | ≤2ppm  | 0.10ppm          |            |
| Arsenic (As)                      | ≤1ppm  | 0.02ppm          |            |
| Total Plate Count                 | <3000CFU/Gr. Max.                              | Conform          |            |
| Yeast& Mold                       | <100CFU/Gr. Max.                               | Conform          |            |
| E.Coli                            | Negative                                       | Conform          |            |
| Salmonella                        | Negative                                       | Conform          |            |

Conclusion: This product complies with above specification.

Inspector

Shen Wu

Director

King Yang

