



# N&R INDUSTRIES, INC

## CERTIFICATE OF ANALYSIS

|                  |                         |                   |            |
|------------------|-------------------------|-------------------|------------|
| Product name     | Chrysin                 | Country of Origin | China      |
| Quantity         | 500 kg                  | Batch Number      | 20120308   |
| Manufacture Date | 2012.03.08              | Expiry Date       | 2014.03.07 |
| Storage          | Airtight and dodehedron | CAS #             | 480-40-0   |

| Items                 | Specification       | Results    |
|-----------------------|---------------------|------------|
| Characteristics       | Light yellow powder | Conforms   |
| Odor                  | Odorless            | Conforms   |
| Identification        | IR spectrum         | Conforms   |
| Assay(HPLC)           | 99.0% min           | 99.4%      |
| Melting Point(°C)     | 284-290°C           | Conforms   |
| Loss on Drying (%)    | ≤0.5%               | 0.15%      |
| Ash                   | ≤0.2%               | 0.1%       |
| Heavy Metals          | 10ppm maximum       | <10ppm     |
| Lead                  | 2ppm maximum        | Conforms   |
| Arsenic               | 2ppm maximum        | Conforms   |
| Mercury               | 1ppm maximum        | Conforms   |
| Microbiological Items |                     |            |
| Total Plate Count     | 1000cfu/g           | <1000cfu/g |
| Yeast & Mold          | 100cfu/g            | <100cfu/g  |
| E. coli               | Negative            | Negative   |
| Salmonella            | Negative            | Negative   |
| Staphylococcus Aureus | Negative            | Negative   |



QC:Niu Lanlan