

CERTIFICATE OF ANALYSIS

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|------------------------|--|----------------------------|------------------------------|
| Product Name: | Astragalus Root Extract | Manufacturing Date: | Apr. 10 th , 2017 |
| Batch No.: | RDEAR20170410 | Expiration Date: | Apr. 09 th , 2019 |
| Botanic Source: | <i>Astragalus membranaceus (Fisch). Bge.</i> | Part of Used: | Root |

| Item | Specification | Result |
|------------------------------|--|----------|
| Appearance | White fine powder | Conform |
| Odor & Taste | Characteristic | Positive |
| Assay (HPLC-ELSD) | Astragaloside IV \geq 98% | 98.36% |
| Loss on drying | \leq 1% | 0.26% |
| Ash | \leq 1% | 0.19% |
| Heavy Metals | \leq10ppm | Conform |
| As | \leq 2ppm | Conform |
| Pb | \leq 2ppm | Conform |
| Hg | \leq 0.1ppm | Conform |
| Microbiological Tests | | |
| Total Plate Count | < 10,000 cfu/g | Conform |
| Yeast & Mold | < 1,000 cfu/g | Conform |
| E. Coli | Negative | Conform |
| Salmonella | Negative | Conform |
| Packing & Storage | packed in double plastic bag inside, fiber container outside. Store in a well-closed container away from moisture, light, heat, oxygen. | |
| Shelf Life | 2 Years if sealed and stored properly. | |
| Manufacturer | RD Health Ingredients Co., Ltd. Xi'an, P.R. China | |

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