

CERTIFICATE OF ANALYSIS

Product Name:	Astragalus Root Extract	Manufacturing Date:	Jun. 17 th , 2018
Batch No.:	RDEAR20180617	Expiration Date:	Jun. 16 th , 2020
Botanic Source:	<i>Astragalus membranaceus (Fisch). Bge</i>	Part of Used:	Root

Item	Specification	Result
Appearance	White fine powder	Conform
Odor & Taste	Characteristics	Conform
Identification	Positive	Positive
Sieve Analysis	100% pass 80 mesh	Conform
Assay (HPLC-ELSD)	Astragaloside IV \geq 98%	98.10%
Loss on Drying	\leq 1.0%	0.16%
Ash	\leq 1.0%	0.21%
Solvent Residue	Eur. Pharm	Conform
Heavy Metals	\leq 10ppm	Conform
Pb	< 1ppm	Conform
As	< 2ppm	Conform
Hg	< 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 an aluminum foil bag inside. 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	

Quality Assurance Officer
Zhang Zhewen



Analyst
Wang Wei