

CERTIFICATE OF ANALYSIS

Product Name:	Cycloastragenol	Manufacturing Date:	Apr. 17 th , 2017
Batch No.:	RDEAC20170417	Expiration Date:	Apr. 17 th , 2019
Botanic Source:	<i>Astragalus Membranaceus</i> (fisch) Bge.	Part of Used:	Root

Item	Specification	Result
Appearance	White fine powder	Conform
Identification	Positive	Positive
Sieve Analysis	100% pass 80 mesh	Conform
Assay (HPLC-RID)	Cycloastragenol > 98.0%	98.26%
Loss on Drying	≤ 1.0%	0.23%
Ash	≤ 1.0%	0.18%
Melting Point	238-242°C	239-241°C
Heavy Metals	≤ 10ppm	Conform
Lead	< 2.0ppm	Conform
Arsenic	< 2.0ppm	Conform
Cadmium	< 1.0ppm	Conform
Mercury	< 0.1ppm	Conform
Microbiological Tests		
Total Plate Count	< 1,000 cfu/g	20
Yeast & Moulds	< 100 cfu/g	10
E. Coli	Negative	Conform
Salmonella	Negative	Conform
Pseudomonas aeruginosus	Negative	Conform
Staphylococcus aureus	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	

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