

CERTIFICATE OF ANALYSIS

Product name	Astragaloside IV
CAS No.	84687-43-4
Botanical source	<i>Astragalus Membranaceus(fisch)Bge</i>
Plant part used	Root
Batch Number	RDE-141110
Batch Quantity	50 Kg
Manufacture Date	Nov. 10, 2014
Date of Certificate	Nov. 17, 2014

ANALYSIS	SPECIFICATION	RESULTS
Appearance	Grey White Powder	Complies
Odor	Characteristic	Complies
Assay (HPLC)	Astragaloside IV $\geq 90\%$	90.22%
Sieve analysis	100% pass 80 mesh sieve	Complies
Loss on Drying	$\leq 3.00\%$	2.31%
Ash	$\leq 1.00\%$	0.35%
Heavy Metal	<10 ppm	Complies
Lead	<2 ppm	Complies
Arsenic	<2 ppm	Complies
Cadmium	<1 ppm	Complies
Mervury	<1 ppm	Complies
Microbiology		
Total Plate Count	<1000cfu/g	Complies
Yeast & Moulds	<100cfu/g	Complies
E.Coli	Negative	Complies
Salmonella	Negative	Complies

Conclusion	Conform with specification
Storage	Store in sealed containers at cool & dry place. Keep away from light, moisture and pest infestation.
Shelf life	2 years when properly stored

Zhang Zhewen

Quality Assurance Officer

Wang Mei

Quality Control