

CERTIFICATE OF ANALYSIS

Product name	Cycloastragenol 98%
CAS No.	78574-94-4
Botanical source	<i>Astragalus Membranaceus(fisch)Bge</i>
Plant part used	Root
Batch Number	RDE-140922
Batch Quantity	10 Kg
Manufacture Date	Sept. 15, 2014
Date of Certificate	Sept. 22, 2014

ANALYSIS	SPECIFICATION	RESULTS
Appearance	White Powder	Complies
Odor	Characteristic	Complies
Assay (HPLC)	Cycloastragenol $\geq 98\%$	98.62%
Melting point	238-242 °C	238-241 °C
Sieve analysis	100% pass 80 mesh sieve	Complies
Loss on Drying	$\leq 1.00\%$	0.31%
Ash	$\leq 1.00\%$	0.27%
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