



西安慧集本草生物科技有限公司

XI'AN HJ HERB BIOTECHNOLOGY CO.,LTD

Certificate of Analysis

Product Name:	Astragalus root extract	Batch Number:	HJ20220421A9
Botanical Source:	<i>Astragalus membranaceus(fisch.)Bge</i>	Manufacture Date:	04.21.2022
Part used :	Root	Analysis Date:	04.22.2022
Quantity:	600Kgs	Expire Date:	04.20.2024

ITEM	STANDARD	TEST RESULT	TEST METHOD
Assay(Polysaccharide)	NLT16%	16.51%	UV
Physical & Chemical			
Appearance	Brown fine powder	Complies	Visual
Odour	Characteristic	Characteristic	Organoleptic
Taste	Characteristic	Characteristic	Organoleptic
Particle Size	100% pass80 mesh	Complies	CP2015
Loss on Drying	≤5.0%	4.01%	5G/105℃/4H
Ash	≤5.0%	3.95%	2G/525℃/3H
Extraction Solvent	Ethanol	Complies	-----
Heavy Metal			
As	≤ 2.0ppm	Complies	AAS
Pb	≤ 2.0ppm	Complies	AAS
Cd	≤ 1.0ppm	Complies	AAS
Hg	≤ 1.0ppm	Complies	AAS
Microbiological Test			
Total Plate Count	≤ 3000cfu/g	Complies	CP2015
Yeast & Mold	≤ 1000cfu/g	Complies	CP2015
E.Coli	Negative	Complies	CP2015
Salmonella	Negative	Complies	CP2015
Staphylococcus aureus	Negative	Complies	CP2015
Conclusion	Conforms with specification		
Storage	Stored in cool and dry places. Keep away from strong light and heat		
Packing	By 25kgs/ Drum, inner by plastic bag		
Shelf Life	24 months under the above condition, and in it's original package		