

# nuherbs Co.

14722 Wicks Blvd, San Leandro, CA 94577

## CERTIFICATE OF ANALYSIS

<b>Product Name:</b>	Organic Fructus Schisandrae Chinensis	<b>Pinyin Name:</b>	You Ji Wu Wei Zi
<b>Botanical Source:</b>	<i>Schisandra Chinensis</i> (Turcz.) Baill	<b>Batch No.:</b>	NU230901WWZ
<b>Plant Part Used:</b>	Fruit	<b>Batch Quantity:</b>	5870 kg
<b>MFTD Date:</b>	November 22, 2023	<b>Issue Date:</b>	December 12, 2023
<b>Retest Date:</b>	November 22, 2028	<b>Material Form:</b>	Whole Fruit
<b>Testing Reference:</b>	Quality Standard of Fructus Schisandrae Chinensis	<b>Origin:</b>	Liao Ning, China

Test				
Analysis	Specification	Results	Test Methods	Detection Limits
Identity	Macroscopical Complies	Complies	Visual & Organoleptic, CP2015	/
	Microscopical Complies	Complies	CP2015	/
	TLC Positive	Positive	TLC, CP2015	/
Water	<13.0%	11.2 %	Reference 0832, CP2015	/
Total ash	<7.0%	3.0 %	Reference 2302, CP2015	/
<b>Assay</b>				
Schisandrin (C <sub>24</sub> H <sub>32</sub> O <sub>7</sub> )	>0.40 %	1.86 %	Reference 0512, CP2015	/
<b>Heavy Metals</b>				
Lead (Pb)	<5ppm	0.133ppm	ICP-MS	0.02ppm
Cadmium (Cd)	<1ppm	0.0236ppm	ICP-MS	0.002ppm
Mercury (Hg)	<0.1ppm	ND	ICP-MS	0.001ppm
Arsenic (As)	<1ppm	0.0455ppm	ICP-MS	0.002ppm
<b>Pesticides Residue</b>				
Organophosphorpestizide	Euro Pharm	Negative	GC-MS / LC-MS	0.01ppm
Organochlorpestizide	Euro Pharm	Negative	GC-MS / LC-MS	0.01ppm
Pyrethroide	Euro Pharm	Negative	GC-MS / LC-MS	0.05ppm
Piperonylbutoxid	Euro Pharm	Negative	GC-MS / LC-MS	0.10ppm
<b>Microbiological Tests</b>				
Total Plate Count	<10 <sup>7</sup> cfu/g	<10 cfu/g	USP <2021>/GL-411	10cfu/g
Yeast & Mold	<10 <sup>5</sup> cfu/g	<10 cfu/g	AOAC 2014.05 / GL-451	10cfu/g
E. Coli	Negative	Negative	USP <2022>/GL-423	10cfu/g
Salmonella	Negative	Negative	USP <2022>/GL-461	Absent in 10g
Conclusion	This product complies with specifications.			
Package	Plastic bag			
Storage	Preserve in a ventilated dry place, protected from mould and moth.			
Shelf Life	5 years when stored properly.			

Remarks: This is a computer print out of the certificate of analysis and is valid without signature.