

# Career Henan Chemical Co

## Certificate of Analysis

C/QR-01-02/0

No.: 2017041401

Product name	Swertiamarin 45%	Batch Number	STA-2017041401
Source	Herbs(Dried)	Production date	14th 04, 2017
Batch Quantity	100kg	Expire date	13th 04, 2019

Item	Specification	Results	Methods
Marker Compound	Swertiamarin >45%	45.05%	HPLC
Appearance & Color	Brown Yellow Powder	Conform	GB5492-85
Odor & Taste	Characteristic	Conform	GB5492-85
Extract Solvent	Water & Ethanol	Conform	/
Mesh Size	95% Through 80 Mesh	100%	GB5507-85
Loss on Drying	≤5.0%	3.27%	GB/T5009.3
Ash Content	≤5.0%	0.35%	GB/T5009.4
Solvent Residue	Negative	Conform	/
<b>Heavy Metals</b>			
Total Heavy Metals	≤10ppm	Conform	/
Arsenic (As)	≤0.5ppm	Conform	AOAC985.01,16 <sup>th</sup>
Lead (Pb)	≤2ppm	Conform	AOAC985.01,16 <sup>th</sup>
Cadmium (Cd)	≤1ppm	Conform	AOAC985.01,16 <sup>th</sup>
Mercury (Hg)	≤0.5ppm	Conform	AOAC985.01,16 <sup>th</sup>
Pesticides Residues	Negative	Conform	AOAC985.01,16 <sup>th</sup>
<b>Microbiology</b>			
Total Plate Count	≤10000cfu/g	Conform	GB/T4789.2
Total Yeast & Mold	≤1000cfu/g	Conform	GB/T4789.15
E. Coli	Negative	Conform	GB/T4789.3
Salmonella	Negative	Conform	GB/T4789.4
Staphylococcus	Negative	Conform	GB/T4789.10

Packing and Storage	Inside: Double-deck plastic bag, outside: Neutral cardboard barrel & Leave in the shady and cool dry place
Shelf Life	2 Year When Stored properly

Analyst: Dr.Lian

Auditing : LI

Authorize : Yuan

