

## Certificate of Analysis

<b>PRODUCT NAME:</b>	Vine Tea Extract	<b>ACTIVE INGREDIENT:</b>	Dihydromyricetin
<b>BOTANICAL NAME:</b>	<i>Ampelopsis grossedentata</i>	<b>CAS NO.:</b>	27200-12-0
<b>BATCH NO.:</b>	SCC20130926	<b>MANUFACTURING DATE:</b>	9/26/2013
<b>ANALYSIS DATE:</b>	9/29/2013	<b>EXPIRY DATE:</b>	9/26/2015

<u>Items</u>	<u>Specifications</u>	<u>Results</u>	<u>Test Method</u>
Assay (Dihydromyricetin)	≥98%	98.03%	HPLC
Appearance	White Powder	Complies	Visual
Odor	Characteristic	Complies	Organoleptic
Particle size	95% pass through 80 mesh sieve	Complies	80 mesh screen
Loss on drying	<5.0%	0.69%	5h at 105°C
Ash	<1.0%	0.48%	2g /525 °C /3hrs
Heavy metals	<10ppm	Complies	AAS
As	<1ppm	Complies	AAS
Cd	<1ppm	Complies	AAS
Pb	<1ppm	Complies	AAS
Cl	<1ppm	Complies	AAS
Pesticides residues	Negative	Complies	GC
Solvents residues	Negative	Complies	GC
Total bacterial count	Max.1000cfu/g	18cfu/g	FDA BAM
Yeast & Mold	Max.100cfu /g	13cfu/g	FDA BAM
Escherichia coli	Negative	Complies	FDA BAM
Salmonella	Negative	Complies	FDA BAM
Staphylococcus	Negative	Complies	FDA BAM

Storage: Stored in a well-closed container away from moisture and sunlight.

Stanford Chemicals Company

By

