

## CERTIFICATE OF ANALYSIS

**Product: Resveratrol Extract 25% ( *Polygonum Cuspidatum*, Root and Rhizome ) for use as a dietary supplement.**

<b>Lot No:</b>	<b>08306061869</b>	<b>Original Manufacturer:</b>	<b>Blue California Co.</b>
<b>Date of Manufacturing:</b>	<b>06-18-06</b>	<b>Extraction Solvent:</b>	<b>Water</b>
<b>Expiration/re-test date:</b>	<b>06-18-09</b>	<b>Plant Extract Ratio:</b>	<b>Not Applicable</b>
<b>QC acceptance date:</b>	<b>09-12-06</b>	<b>Grade:</b>	<b>Food</b>
<b>Country of Origin:</b>	<b>China</b>	<b>This Product has NOT been treated</b>	

<b>ATTRIBUTES</b>	<b>SPECIFICATION</b>	<b>METHODS</b>	<b>RESULTS</b>
APPEARANCE	BROWN POWDER	VISUAL	PASS
FOREIGN MATTER	ABSENT	VISUAL	PASS
ODOR	CHARACTERISTIC	OLFACTORY	PASS
TASTE	CHARACTERISTIC	GUSTATORY	PASS
PRODUCT ID	TLC FINGERPRINT	TLC	PASS
<b>TOTAL RESVERATROL</b>	<b>≥ 25%</b>	<b>HPLC</b>	<b>25.7%</b>
LOSS ON DRYING	< 5%	USP 28	2.60%
HEAVY METALS	< 10 ppm	USP 28	PASS
LEAD	< 3 ppm	USP 28	PASS
ARSENIC	< 3 ppm	USP 28	PASS
ASH	< 10%	USP 28	PASS
BULK DENSITY	0.3-0.6 g/ml	USP 28	PASS
TAP DENSITY	≥ 0.6 g/ml	USP 28	PASS
PARTICLE SIZE:	> 95% through Mesh #80 Sieve	USP 28	96.5%
TOTAL PLATE COUNT	< 5,000 cfu/gm	AOAC	PASS
TOTAL COLIFORM	< 100 cfu/gm	AOAC	PASS
YEAST AND MOLDS	< 100 cfu/gm	AOAC	PASS
E. COLI:	NEGATIVE	AOAC	PASS
SALMONELLA	NEGATIVE	AOAC	PASS
SHELF LIFE	3 YEARS	HPLC	PASS