

## Certificate of Analysis

<b>Product Name</b>	Polygala tenuifolia BT11		
<b>Batch No.</b>	PO230210		
<b>Batch Quantity</b>	500kgs		
<b>Storage Condition</b>	Store in cool & dry place, Keep away from strong light and heat.		

Item	Specification	Result	Method
<b>Basic Product Information</b>			
Genus and Species	<i>Polygala tenuifolia Willd</i>	Conform	/
Part of the Plant	Root	Conform	/
Country of Origin	China	Conform	/
<b>Organoleptic Data</b>			
Extract Ratio	10: 1	Conform	/
Appearance	Fine Powder	Conform	HE-QCS-1008
Color	Brown Yellow	Conform	GB/T 5492-2008
Odor	Characteristic	Conform	GB/T 5492-2008
Taste	Characteristic	Conform	GB/T 5492-2008
<b>Process Data</b>			
Method of Processing	Extraction	Conform	/
Solvent(s) Used	Water & Ethanol	Conform	/
<b>Physical Characteristics</b>			
Particle Size (80 mesh)	98.0%pass 80mesh	Conform	GB/T 5507-2008
Loss on Drying	<5.0%	3.12%	GB/T 14769-1993
Ash Content	<5.0%	2.24%	AOAC 942.05, 18th
Solvent Residue	Eur. Pharm	Conform	HE-QCS-1007
<b>Heavy Metals</b>			
Total Heavy Metals	<20ppm	Conform	USP <231>, method II
As	<2.0ppm	Conform	AOAC 986.15, 18th
Pb	<2.0ppm	Conform	AOAC 986.15, 18th
Cd	<0.5ppm	Conform	AOAC 986.15, 18th
Hg	<0.5ppm	Conform	AOAC 971.21, 18th
<b>Microbiology</b>			
Total Plate Count	<10,000cfu/g	Conforms	AOAC 990.12, 18th
Yeast & Mold	< 1,000cfu/g	Conforms	FDA (BAM) Chapter 18, 8th Ed.
E. Coli	<3MPN/g	<3MPN/g	AOAC 997.11, 18th
Salmonella	Salmonella nil/25g	Salmonella nil/25g	FDA (BAM) Chapter 5, 8th Ed.

