



# Xi'an Green Spring Technology Co.,Ltd

## Certificate of Analysis

Product Name:	Pyroloquinoline Quinone (POQ)	Processing:	Fermentation
<b>Items</b>	<b>Standard</b>	<b>Result</b>	<b>Method</b>
<b>Physical and Chemical Property</b>			
Appearance	Red to reddish-brown powder	Conforms	Visual
Loss on Drying	≤12.0g/100g	9.03g/100g	Fischer titration
Identification	Shall meet the control article	Conforms	IR
Assay (as dry)	≥99%	100.24%	HPLC
Purity	≥99%	99.5%	HPLC
<b>Residue Analysis</b>			
Alcohol residue	≤3000mg/kg	Conforms	GC
Pb	≤0.5mg/kg	Conforms	ICP-MS
As	≤0.5mg/kg	Conforms	ICP-MS
Cb	≤0.5mg/kg	Conforms	ICP-MS
Hg	≤0.1mg/kg	Conforms	ICP-MS
<b>Microbiological Test</b>			
Total Plate Count	≤1000cfu/g	50cfu/g	MPN
Yeast & Mold	≤100cfu/g	10cfu/g	MPN
E.Coli	Negative/10g	Conforms	MPN
Salmonella	Negative/10g	Conforms	MPN
Staphylococcus aureus	Negative/10g	Conforms	MPN
<b>Product Status</b>			
Conclusion:	Sample Qualified.		
Shelf Life:	24 months under the conditions below and in its original packaging.		
Retest date:	Retest every 24 months under the condition below and in original packaging.		
Storage:	Store in a cool, dry place away from Moisture, Light.		

Quality Assurance: Liang Yan

