



# Xi'an Quanao Biotech Co., Ltd.

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## Certificate of Analysis

<b>Product Name</b>	levo-THP 98% (Rotundine)		
<b>Latin Name</b>	<i>Stephania tetrandra</i>	<b>Part Used</b>	Tuber
<b>Production Date</b>	2020-10-07	<b>Batch No.</b>	QA20201007
<b>Expiry Date</b>	2022-10-06	<b>Report Date</b>	2020-10-14
<b>Original</b>			
<b>ITEMS</b>	<b>SPECIFICATIONS</b>		<b>RESULTS</b>
Appearance	Light Green Yellow powder		Complies
Odor & Tasted	Characteristic		Complies
Tetrandrine Assay(%)	≥98.5 (HPLC)		99.83
Absorptivity(°)	141~144		142.7~143.4
Loss on Drying(%)	≤5.0		3.40
Residue on Ignition(%)	≤0.1		0.06
Particle size(%)	100% through 80 mesh sieves		Complies
<b>Heavy Metals</b>			
Heavy Metal(ppm)	≤10.0		Complies
Pb(ppm)	≤2.0		Complies
As(ppm)	≤2.0		Complies
Hg(ppm)	≤0.1		Complies
Cd(ppm)	≤1.0		Complies
<b>Microbiological Tests</b>			
Total Plate Count(cfu/g)	≤1000		Complies
Yeasts and Moulds(cfu/g)	≤100		Complies
E.coli(cfu/g)	Negative		Complies
Staphylococcus	Negative		Complies
Salmonella	Negative		Complies
<b>Conclusion</b>	Conform to the standard.		
<b>Packing</b>	25kg/drum		
<b>Storage and Handling</b>	Store in a cool and dry place, keep away from direct strong and heat.		
<b>Shelf life</b>	Two years if sealed and store away from direct sun light.		

QC: Li Ting

QA: Tian Wen

