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## Xi'an Plant Bio-engineering Co.,Ltd

### Certificate of Analysis

Product Name	Ginger powder (WS)		
Used Part	Root	botanical name:	Zingiber officinale
Batch No.	GR181216	Manufacturing Date	Dec, 16 <sup>th</sup> , 2018
Butch Quantity	300kg	Expiration Date	Dec, 15 <sup>th</sup> , 2020

Analysi Item	Specifications	Results	TestMethods
Ingredient	ginger 99.0%	99.9%	TLC
Appearance	Light yellow powder	Conforms	Visual
Solubility	Soluble in water	Conforms	CP2010
Identification	Must Positive	Positive	CP2010
Odor	Characteristic with ginger	Conforms	Organoleptic
Taste	Characteristic with ginger	Conforms	Organoleptic
Particle Size	100%Through 80 mesh	Conforms	100MeshScreen
Loss on Drying	5.0%	2.05%	GB/T5009.3 -2015
Ash content	5.0%	3.66%	GB/T5009.4 -2015
Solvent Residue	Negative	Conforms	Eur Pharm
Pesticide Residue	Negative	Conforms	GB/T5009.146-2015
Total Heavy Metals	10ppm	Conforms	CP2010
Arsenic	1ppm	Conforms	GB/T5009.11 -2015
Pb	1ppm	Conforms	GB/T5009.12 -2015
Hg	1ppm	Conforms	GB/T5009.13 -2015
Cd	1ppm	Conforms	GB/T5009.14 -2015
Total Plate Count	1000cfu/g	Conforms	GB/T4789.2-2015
Total Yeast & Mold	100cfu/g	Conforms	GB/T4789.15-2015
E.Coli	NMT 30 MPN/100g	Conforms	GB/T4789.3-2015
Salmonella	Negative/25g	Conforms	GB/T4789.4-2015
Staphylococcus	Negative/25g	Conforms	GB/T4789.10-2015
Packing and Size	Packed indrum & two plastic-bags inside, Net Weight: : 25Kg/drum		

Conclusion	Conform with Specification.
Storage	Store in a cool and dry place, keep away from direct strong and heat.
Shelf Life	24months if when properly stored