



米克（武汉）生物科技有限公司

Mike(Wuhan) Biotechnology Co.,Ltd

CERTIFICATE OF ANALYSIS

Product Name	<i>Polygonum cuspidatum Extract</i>	Quantity	250kg
Botanical Latin Name	<i>Polygonum cuspidatum sieb.et zucc</i>	Manufacture Date	Aug 20, 2022
Plant Part	Root	Expire Date	Aug 19, 2024
Batch Number	MK220820	Issue Date	Aug 25, 2022
Country of Origin	China	Solvent	Ethanol and water

Item	Specification	Result	Test Methods
Assay	Resveratrol $\geq 98\%$	98.42%	HPLC
Sterilization Method	High Temperature & Pressure	Conforms	/
• Chemical Physical Control			
Particle size	98% pass 80 mesh	Conforms	USP<786>
Appearance	White fine powder	Conforms	Visual
Loss on drying	$\leq 1.0\%$	0.25%	USP<731>
Sulphated Ash	$\leq 0.5\%$	0.15%	USP<281>
Tapped Density	35-55g/100ml	48g/100ml	USP<616>
Heavy Metals	$\leq 10\text{ppm}$	$< 10\text{ppm}$	GB/t 5009.74
Arsenic (As)	$\leq 2.0\text{ppm}$	0.70ppm	GB/t 5009.12
Lead (Pb)	$\leq 2.0\text{ppm}$	0.61ppm	GB/t 5009.17
Mercury(Hg)	$\leq 0.30\text{ppm}$	$< 0.05\text{ppm}$	GB/t 5009.15
Cadmium(Cd)	$\leq 1.0\text{ppm}$	$< 0.03\text{ppm}$	GB/t 5009.11
Pesticides Residue	Meet USP Requirements	Conforms	USP34 <561>
• Microbiology Control			
Total Plate Count	$\leq 1,000\text{cfu/g}$	100cfu/g	AOAC 990.12
Total Yeast & Mold	$\leq 100\text{cfu/g}$	20cfu/g	AOAC 997.02
Escherchia Coli	Absent	Conforms	AOAC-OMA 991.14
Salmonella Species	Absent	Conforms	AOAC-RI 061301
Staphylococcus aureus	Absent	Conforms	AOAC-OMA 2003.07
• General Status			
GMO Free	GMO Free	Conforms	/
Non-Irradiation	Non-Irradiation	Conforms	/
• Packing & Storage	Packed in paper-drums and two plastic-bags inside.N.W.:25kgs Store in a well-closed container. Away from moisture.		
• Shelf Life	Three years if sealed and stored away from direct sun light and heat.		

ANALYST

检 1

CHECKER

检 2

Q.C. DIRECTOR:

