

Certificate of Analysis

General Information

Product Name:	Pueraria Lobata Extract	Part of Use:	Roots
Batch No.:	SOST-GGS20240405	Produce Date:	2024-04-05

Items	Specifications	Results	Method
Physical Property			
Appearance	White Powder	Conforms	Organoleptic
Particle Size	95% through 80 mesh size	Conforms	Sieving method
Residue on ignition	$\leq 1\text{g}/100\text{g}$	0.50g/100g	3g/550°C/4hrs
Loss on Drying	$\leq 5\text{g}/100\text{g}$	3.91g/100g	3g/105°C/2hrs
Identification	Positive response	Conforms	TLC
Assay(by dry basis)	Puerarin $\geq 98\%$	98.34%	HPLC

Contaminants

Total heavy metals	$\leq 10\text{mg}/\text{kg}$	Conforms	
Lead(Pb)	$\leq 1.00\text{mg}/\text{kg}$	Conforms	ICP-MS
Arsenic(As)	$\leq 1.00\text{mg}/\text{kg}$	Conforms	ICP-MS
Cadmium(Cd)	$\leq 1.00\text{mg}/\text{kg}$	Conforms	ICP-MS
Mercury(Hg)	$\leq 0.50\text{mg}/\text{kg}$	Conforms	ICP-MS

Microbiological

Total Plate Count	$\leq 1000\text{cfu}/\text{g}$	200cfu/g	GB 4789.2
Yeast & Mold	$\leq 100\text{cfu}/\text{g}$	10cfu/g	GB 4789.15
E.Coli.	Not detected/10g	Conforms	GB 4789.3
Salmonella	Not detected/10g	Conforms	GB 4789.4
Staphylococcus aureus	Not detected/10g	Conforms	GB 4789.10

Product Status

Conclusion:	This lot has passed the inspection
Shelf Life:	24 months under the conditions below, no antioxidant used
Retest Date:	Reinspect the original package every 24 months.
Storage:	Store in a cool, dry place away from Moisture, Light, Oxygen

QC Manager: Xiaodong Ma



QA: Bin Zhang