CERTIFICATE OF ANALYSIS

Product: Sarsaparilla Root Extract Powder
Botanical Name/INCI: Smilax Aristolochiifolia Mill
Solvent Used: Water/Alcohol
Ratio: 4.1
CAS No: 91770-66-0
Lot No: BPCSRE122024
Best Before: December, 2027
Origin: USA

ITEM	SPECIFICATION	RESULT
Appearance:	Brown to brownish powder	Complies
Odor:	Characteristic	Complies
Taste:	Characteristic	Complies
Loss on drying	≤8.0%	4.52%
Ash	≤8.0%	1.68%
Loose density	0.300-0.700g/ml	
Tapped density	0.400-0.9000g/ml	
Particle size 98%	pass 80 mesh	Complies
Heavy metals	≤20ppm	Complies
Arsenic (As)	≤2ppm	Complies
Lead (Pb)	≤2ppm	Complies
Cadmium (Cd)	≤1ppm	Complies
Mercury (Hg)	≤0.1ppm	Complies
Microbial		
Total micro bacterial count	≤10000CFU/g	≤10CFU/g
Mould & Yeast	≤1000CFU/g	10CFU/g
Coliforms	≤0.92MPN/g	Negative
Salmonella	Negative	Negative