



SWISS HERBAL
INSTITUTE

Certificate of Analysis

Product Name:	Codonopsis	Batch Number:	Varies
Botanical Name:.	<i>Codonopsis pilosula</i>	Manufacture Date:	Varies
Used part:	Root	Expiry Date:	Varies

IDENTIFICATION		SPECIFICATION	RESULT
Extract ratio (TLC)		20:1	20:1
Physical	Appearance	Brown red / Brown yellow powder	Complies
	Odor	Characteristic	Complies
	Taste	Characteristic	Complies
	Particle Size	100% pass 80 mesh	Complies
Chemical	Heavy Metals	$\leq 10 - 20$ ppm	Complies
	Lead (Pb)	≤ 2 ppm	Complies
	Arsenic (As)	≤ 2 ppm	Complies
	Cadmium (Cd)	$\leq 1 - 2$ ppm	Complies
	Mercury (Hg)	$\leq 0.5 - 1$ ppm	Complies
Microbial	Total Plate Count	$\leq 1000 - 10000$ cfu/g	Complies
	Yeast & Mold	$\leq 100 - 1000$ cfu/g	Complies

Else	Storage condition	Sealed, kept in shady and dry place
	Shelf life	Two years

