

Botanical Biohacking
 PO Box 2208, The Dalles, OR 97058

CERTIFICATE OF ANALYSIS

Name of Product: Microgard Plus	Dosage Form: Micro Pills	Lot Number: 202112	Issue Date: 12/15/2021
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Inspection	Results	Specification	Detection Limits	Testing Methods	
Raw Materials	Pass				
Pesticides Residue	Result				
Organophosphorus	Negative	Negative	0.02-0.05 ppm	Euro Pharm	
Organonitrogen	Negative	Negative	0.3-0.5 ppm	Euro Pharm	
Organochlorine	Negative	Negative	0.01-0.4 ppm	Euro Pharm	
Carbamate	Negative	Negative	0.03 ppm	Euro Pharm	
Pyrethroid	Negative	Negative	0.01-0.1 ppm	Euro Pharm	
Heavy Metals		USP Limits	MDL	MRL	
Lead	0.529 ppm	<5 ppm	0.002 ppm	0.007 ppm	AAS, Euro Pharm
Cadmium	0.164 ppm	<1 ppm	0.001 ppm	0.007 ppm	AAS, Euro Pharm
Total Arsenic	0.19 ppm	<15 ppm	0.006 ppm	0.026 ppm	AAS, Euro Pharm
Mercury	Negative	<0.1 ppm	0.002 ppm	0.011 ppm	AAS, Euro Pharm
Microbiological		AHPA Limits			
Total Aerobic Count	<1,000 cfu/g	100,000 cfu/g	1,000 cfu/g	3M Petrifilm TAC	
E. Coli	Negative	0 cfu/g	1,000 cfu/g	3M Petrifilm EC	
Total Coliforms	<1,000 cfu/g	10,000 cfu/g	1,000 cfu/g	3M Petrifilm TC	
Yeast & Mold	<1,000 cfu/g	10,000 cfu/g	1,000 cfu/g	3M Petrifilm YM	
Salmonella	Negative	0 cfu/g	N/A	USP	

Mcg/g: microgram per gram

NLE: No Limit Established

ppm: parts per million

NDL: No Detection Limit

Salmonella tests return only positive or negative results

MDL: The lowest amount that is needed to detect presence of analyte

MRL: the lowest amount of analyte that can quantitatively determined with stated acceptable precision and accuracy.

Remarks: This is a computer print out of the certificate of analysis and is valid without signature.