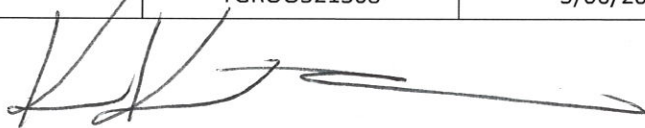
	COA		
	Certificate of Analysis		
	Date Prepared: 3/12/2019		
	Batch #	Date Manufactured	Expiration Date
	TGROO321368	3/06/2019	8/06/2020
Authorization: 			

Vendors	Qualified Vendors (Y/N Approval Date)
Botanacor Laboratories	Y
Altitude Consulting	Y
ProVerde	Y

Potency Results			
Type	Wt. (%)	Mg/g	Testing Method
CBD	.15	1.5	HPLC-UV
CBDa	<0.00	ND	HPLC-UV
CBG	<0.00	ND	HPLC-UV
CBN	<0.00	ND	HPLC-UV
THC	<0.00	ND	HPLC-UV
THCa	<0.00	ND	HPLC-UV
MAX THC	<0.00	<0.00	HPLC-UV
MAX CBD	.15%	1.5	HPLC-UV
TOTAL ACTIVE	.15%	1.5	HPLC-UV

Microbial		
Test	Result (CFU/g)	Testing Method
Total Aerobic Count	None Detected	3M Petrifilm
Total Coliforms	None Detected	3M Petrifilm
Total Yeast and Molds	None Detected	3M Petrifilm
E.Coli	None Detected	3M Petrifilm
Salmonella	None Detected	3M Petrifilm

Heavy Metal			
Metal	Conc. µg/kg	Status	Testing Method
Lead	<5.0	PASS	ICP-MS
Mercury	<5.0	PASS	ICP-MS
Cadmium	<10	PASS	ICP-MS
Arsenic	<20	PASS	ICP-MS

Residual Solvents	Results (PPM)	Residual Solvents	Results (PPM)
Propane	0	Isopropyl Alcohol	0
Butanes (isobutane, n-Butane)	0	Hexane	0
Pentane	0	Benzene	0
Ethanol	0	Heptanes	0
Acetone	0	Toluene	0
Xylenes (m,p,o-Xylenes)	0		

Pesticide Analysis			
Analyte	Result (ppb)	Status	Testing Method
ACEPHATE	ND	PASS	LC/MS/MS
ACEQUINOCYL	ND	PASS	LC/MS/MS
ACETAMIPRID	ND	PASS	LC/MS/MS
ALDICARB	ND	PASS	LC/MS/MS
ABAMECTIN	ND	PASS	LC/MS/MS
AVERMECTIN B1B	ND	PASS	LC/MS/MS



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AZOXYSTROBIN	ND	PASS	LC/MS/MS
BIFENAZATE	ND	PASS	LC/MS/MS
BIFENTHRIN	ND	PASS	LC/MS/MS
BOSCALID	ND	PASS	LC/MS/MS
CARBARYL	ND	PASS	LC/MS/MS
CARBOFURAN	ND	PASS	LC/MS/MS
CHLORANTRANILIPROLE	ND	PASS	LC/MS/MS
CHLOREFENAPYR	ND	PASS	LC/MS/MS
CHLORPYRIFOS	ND	PASS	LC/MS/MS
CLOFENTEZINE	ND	PASS	LC/MS/MS
CYFLUTHRIN	ND	PASS	LC/MS/MS
CYPERMETHRIN	ND	PASS	LC/MS/MS
DAMINOZIDE	ND	PASS	LC/MS/MS
DIAZINON	ND	PASS	LC/MS/MS
DICHLORVOS	ND	PASS	LC/MS/MS
DIMETHOATE	ND	PASS	LC/MS/MS
ETHOPROPHOS	ND	PASS	LC/MS/MS
ETOFENPROX	ND	PASS	LC/MS/MS
ETOXAZOLE	ND	PASS	LC/MS/MS
FENOXYCARB	ND	PASS	LC/MS/MS
FENPYROXIMATE	ND	PASS	LC/MS/MS
FIPRONIL	ND	PASS	LC/MS/MS
FLONICAMID	ND	PASS	LC/MS/MS
FLUDIOXONIL	ND	PASS	LC/MS/MS
HEXYTHIAZOX	ND	PASS	LC/MS/MS
IMAZALIL	ND	PASS	LC/MS/MS
IMIDACLOPRID	ND	PASS	LC/MS/MS
KRESOXIM-METHY	ND	PASS	LC/MS/MS
MALATHION A	ND	PASS	LC/MS/MS
METALAXYL	ND	PASS	LC/MS/MS
METHIOCARB	ND	PASS	LC/MS/MS
METHOMYL	ND	PASS	LC/MS/MS
MGK 264	ND	PASS	LC/MS/MS
MYCLOBUTANIL	ND	PASS	LC/MS/MS
NALED	ND	PASS	LC/MS/MS
OXAMYL	ND	PASS	LC/MS/MS
PACLOBUTRAZOL	ND	PASS	LC/MS/MS
PARATHION METHYL	ND	PASS	LC/MS/MS
PERMETHRINS	ND	PASS	LC/MS/MS
PHOSMET	ND	PASS	LC/MS/MS
PIPERONYL BUTOXIDE	ND	PASS	LC/MS/MS



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PRALLETHRIN	ND	PASS	LC/MS/MS
PROPICONAZOLE	ND	PASS	LC/MS/MS
PROPOXURE	ND	PASS	LC/MS/MS
PYRETHRINS CINERIN 1	ND	PASS	LC/MS/MS
PYRETHRINS JASMOLIN 1	ND	PASS	LC/MS/MS
PYRETHRINS PYRETHRIN 1	ND	PASS	LC/MS/MS
PYRIDABEN	ND	PASS	LC/MS/MS
SPINOSYN A	ND	PASS	LC/MS/MS
SPINOSYN D	ND	PASS	LC/MS/MS
SPIROMESIFEN	ND	PASS	LC/MS/MS
SPIROTETRAMAT	ND	PASS	LC/MS/MS
SPIROXAMINE	ND	PASS	LC/MS/MS
TEBUCONAZOLE	ND	PASS	LC/MS/MS
THIACLOMPRID	ND	PASS	LC/MS/MS
THIAMETHOXAM	ND	PASS	LC/MS/MS
TRIFLOXYSTROBIN	ND	PASS	LC/MS/MS