

Certificate of Analysis

F03.003.00



3052: Loyal Leaf Joint and Muscle Rub CBD 300

Lot # 0619-22

Description: Off-white to tan cream
Serving Size: 1 mL
Fill Volume: 15 mL

Spec Rev: 0
Bulk Item Code: 3052
Daily Serving (ml): 1 mL

	Attribute	Spec Range	Result	Method
	Appearance	Off-white to tan cream	Pass	SOP 03.016.01
	Odor	Characteristic odor	Pass	SOP 03.016.01
	CBD	NLT 20 mg/mL	20	HPLC
	D9-THC	NMT 0.30 wt %	0.07	HPLC
	THCV	Report (wt %)	ND**	HPLC
	CBDV	Report (wt %)	0.01	HPLC
	CBG	Report (wt %)	0.05	HPLC
	CBC	Report (wt %)	0.13	HPLC
	CBN	Report (wt %)	0.00	HPLC
	THCA	Report (wt %)	ND	HPLC
	CBDA	Report (wt %)	ND	HPLC
	CBGA	Report (wt %)	ND	HPLC
	D8-THC	Report (wt %)	ND	HPLC
	exo-THC	Report (wt %)	ND	HPLC
	Pb	NMT 10 mcg/mL	0.110	ICP-MS
	Methylmercury as Hg	NMT 2 mcg/mL	< 0.001	ICP-MS
	Cd	NMT 5 mcg/mL	< 0.001	ICP-MS
	As	NMT 15 mcg/mL	0.002	ICP-MS
	Total Plate Count	<100 cfu/g	<10	USP <2021>
	Yeast & Mold	<10/<10 cfu/g	<10/<10	USP <2021>
	Total Coliforms	<10 cfu/g	<10	AOAC 991.14
	E. coli	<10 cfu/g	<10	AOAC 991.14
	Salmonella	Absent in 10g	Absent	USP <2022>
Pesticides *	Abamectin B1a	NMT 300 ppb	ND	EN 15662
	Abamectin B1b	NMT 300 ppb	ND	EN 15662
	Azoxystrobin	NMT 40000 ppb	ND	EN 15662
	Bifenazate	NMT 5000 ppb	ND	EN 15662
	Bifenthrin	NMT 500 ppb	ND	EN 15662
	Cyfluthrin	NMT 1000 ppb	ND	EN 15662
	Daminozide	NMT 10 ppb	ND	EN 15662
	Etoxazole	NMT 1500 ppb	ND	EN 15662
	Fenoxycarb	NMT 10 ppb	ND	EN 15662
	Imazalil	NMT 10 ppb	ND	EN 15662
	Imidacloprid	NMT 3000 ppb	ND	EN 15662
	Myclobutanil	NMT 9000 ppb	ND	EN 15662
	Paclbutrazol	NMT 10 ppb	ND	EN 15662
	Piperonyl butoxide	NMT 8000 ppb	ND	EN 15662
	Pyrethrin	NMT 1000 ppb	ND	EN 15662
	Spinosad	NMT 3000 ppb	ND	EN 15662
	Spiromesifen	NMT 12000 ppb	ND	EN 15662
	Spirotetramat	NMT 13000 ppb	ND	EN 15662
	Trifloxystrobin	NMT 30000 ppb	ND	EN 15662
Residual Solvents*	Isopropyl Alcohol	NMT 500 ppm	ND	GC-FID
	Pentane	NMT 500 ppm	ND	GC-FID
	Acetone	NMT 500 ppm	ND	GC-FID
	Hexane	NMT 25 ppm	ND	GC-FID

* Testing done on hemp distillate precursor Lot 702104292019; ** ND = None detected

	Name	Title	Sign	Date
Prepared By:	ROBERT BOST	QC MANAGER		09-26-19
Approved By:	Victoria Danner	QC TECH		09-26-19