

# CONTRACT PHARMACAL CORP.



## CERTIFICATE OF ANALYSIS

**Code:** 5415A

**Product:** Uleva-Vitality Capsules

**Lot No:** 202401

REF: QCTR Revision 00

TEST	METHOD	SPECIFICATION	RESULT	
Description	Visual	Size #0, natural/natural veggie capsule filled with yellow to brown powder.	Conforms	
Avg. Gross Weight	USP<2091>	540 mg±10.0% <span style="float: right;">Limit: 486-594 mg</span>	536 mg	
Weight Variation (Gross Weight)	USP<2091>	Each individual intact capsule is within ±10% of the average weight. If not all of the capsules fall within the aforementioned limits, proceed to Fill Weight.	Conforms	
Avg. Fill Weight	USP<2091>	440 mg±10.0% <span style="float: right;">Limit: 396-484 mg</span>	440 mg	
Weight Variation (Fill Weight)	USP<2091>	NMT 2 units deviates greater than ±10% of the average fill weight and no unit deviates greater than ±25%.	Conforms	
Disintegration	USP<2040>	NMT 30 minutes in 0.05M Acetate Buffer w/disk	Conforms	
Water Activity*	USP<1112>	NMT 0.6 <sub>w</sub>	0.4 <sub>w</sub>	
Assay				
Curcuminoids	TM-742	112.5 mg <span style="float: right;">Limit: NLT 100.0%</span> (Eq. to 250mg of Turmeric Acumin)	134.4%	
Phytocannabinoids			<b>mg/unit</b>	<b>%/unit</b>
CBDV	TM-852	Report Result	0.046	
CBDVA	TM-852	Report Result	ND	
THCV	TM-852	Report Result	ND	
CBD	TM-852	Report Result	12.265	
CBDA	TM-852	Report Result	ND	
CBG	TM-852	Report Result	ND	
THCVA	TM-852	Report Result	ND	
CBN	TM-852	Report Result	0.020	
CBGA	TM-852	Report Result	ND	
(-)-Δ <sup>9</sup> -THC	TM-852	Report Result	0.022	
(-)-Δ <sup>8</sup> -THC	TM-852	Report Result	ND	
CBL	TM-852	Report Result	ND	
CBC	TM-852	Report Result	ND	
THCA	TM-852	Report Result	ND	
CBLA	TM-852	Report Result	ND	
CBCA	TM-852	Report Result	ND	
Total Cannabinoids			12.353	
Total Cannabinoids	TM-852	10mg <span style="float: right;">Limit: NLT 100.0%</span>		123.5%
Total THC **	TM-852	<span style="float: right;">Limit: NMT 0.3%</span>		0.0%
Elemental Impurities***				
Arsenic	TM-439	NMT 5 mcg/capsule	0 mcg/capsule	
Cadmium	TM-439	NMT 2.05 mcg/capsule	0.01 mcg/capsule	
Lead	TM-439	NMT 0.25 mcg/capsule	0.19 mcg/capsule	
Mercury	TM-439	NMT 0.15 mcg/capsule	0.01 mcg/capsule	
Microbial Limits				
Total Aerobic Plate Count	USP<2021>	NMT 10,000 cfu/g	Conforms	
Total Yeast & Mold Count	USP<2021>	NMT 1,000 cfu/g	Conforms	
Specified Microorganism				
Salmonella	USP<2022>	Negative	Conforms	
E. Coli	USP<2022>	Negative	Conforms	
S. Aureus	USP<2022>	Negative	Conforms	

\*For information purpose only

\*\*Total THC (%/unit) = Total THC ((THCA x 0.877) + Δ<sup>9</sup>-THC + Δ<sup>8</sup>-THC) x 100/Avg.Fill Weight (mg); ND= Not Detected

\*\*\*Notify customer if the results exceeded the limits

Note: Refer to CofC for expiration date

Ref. Vol/Page: VMS-WV-0175/48; VMS-FP-0093/100; VMS-FP-0088/86; VMS-FP-0107/1; VMS-WA-0016/158; VMS-DT-001/90; Date:08/02/2020  
CPC29295

Released:  Rejected:  By: David Naran Date: 08/03/2020

Date Manufacture:06/12/2020