

CONTRACT PHARMACAL CORP



CERTIFICATE OF ANALYSIS

Code: 5550A

Product: ULEVA Sleep 2.0 Capsules

Lot No: 111889

REF: QCTR Rev 02

TEST	METHOD	SPECIFICATION	RESULT	
Description	Visual	Size #00, clear/clear veggie capsule filled with blue beads and natural powder	Conforms	
Avg. Gross Weight	USP<2091>	705 mg±10.0% Limit: 635-776 mg	687 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>	585 mg±10.0% Limit: 527-644 mg	569 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>a<sub>w</sub></sub>	0.5 <sub>a<sub>w</sub></sub>	
Assay				
Melatonin	TM-794	12 mg Limit: 100.0% - 130.0%	119.3%	
Phytocannabinoids		25 mg	mg/unit	%/unit
CBDV	TM-852 Procedure 1	Report Result	0.018 mg	0.072%
CBDVA		Report Result	BRT	BRT
THCV		Report Result	BDL	BDL
CBD		Report Result	26.104 mg	104.416%
CBDA		Report Result	BDL	BDL
CBG		Report Result	0.433 mg	1.732%
THCVA		Report Result	BDL	BDL
CBN		Report Result	BDL	BDL
CBGA		Report Result	BDL	BDL
(-)-Δ <sup>9</sup> -THC		Report Result	BDL	BDL
(-)-Δ <sup>8</sup> -THC		Report Result	BDL	BDL
CBL		Report Result	BDL	BDL
CBC		Report Result	BDL	BDL
THCA		Report Result	BDL	BDL
CBLA		Report Result	BDL	BDL
CBCA		Report Result	BDL	BDL
Total THC		Limit: NMT 0.3%	BDL	BDL
Total Cannabinoids		Limit: NLT 100.0%	26.555 mg	106.2%
Dissolution (Melatonin)	TM-794	900mL 0.1N HCl @ 100rpm, App.#1. (Pooled) 1 <sup>st</sup> hr: NMT 60% 4 <sup>th</sup> hr: NLT 65%	33.7% 77.3%	
Elemental Impurities				
Arsenic	TM-439	NMT 10 mcg/capsule	0 mcg/capsule	
Cadmium	TM-439	NMT 4.1 mcg/capsule	0.0 mcg/capsule	
Lead	TM-439	NMT 0.5 mcg/capsule	0.0 mcg/capsule	
Mercury	TM-439	NMT 0.3 mcg/capsule	0.0 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 (mg/unit) = (THCA x 0.877) + Δ<sup>9</sup>-THC + Δ<sup>8</sup>-THC

\*\*Total THC (%/unit) = Total THC (mg/unit) x 100/Avg. Fill Weight (mg)

Refer to COC for product expiration date

Ref. Vol/Page: VMS-WV-0200/41; VMS-FP-0143/47,50; VMS-FP-0141/107; VMS-FP-074/97; VMS-WA-0027/64; VMS-DT-002/92; Date: 08/30/2021  
CPC#31994

Released:  Rejected:

By: David Naan

Date: 08/30/2021

Date Manufacture: 07/29/2021