



HIGHLAND
LABORATORIES

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QUALITY CONTROL ANALYTICAL REPORT

PRODUCT CODE: SP2782
SIZE: 7.45 mm X 21.18 mm SHAPE: Oblong
THEORETICAL CAPSULE WEIGHT: 388 mg
DATE OF MANUFACTURE: 07/2018

DATE: 07/31/2018 LOT NO.: 0063657
PRODUCT: CBD Capsules
COLOR: Cream colored powder
BOTTLE COUNT: BULK SHIPMENT
EXPIRATION DATE: 07/2020

ITEM	METHOD	Per Tablet LABEL AMT.	ACTUAL	% of CLAIM
CBD Content from Hemp Oil	Dbl. Wt. Chk.**	25.0 mg	25.5 mg	102%
Other Ingredients	Dbl. Wt. Chk.**	459.0 mg	466.6 mg	102%
Maltodextrin				
Microcrystalline Cellulose				
Cellulose (from Capsule shell)				
Hemp Oil				
Organic Rice Concentrate				
MCT oil				

** - Dbl. Wt. Chk. refers to a Double Weight Check at the time of material weigh-up.

STATISTICAL EVALUATION	METHOD	EXPECTED	ACTUAL
Actual Capsule Weight	USP29/NF24 Method <2091>	90% - 110% of Theoretical	101.7% 492.1 mg
Standard Deviation on Target Weight:		< 31.1 mg	12.7 mg
Percent Variance of Standard Deviation from Target:		< 6%	2.6%
Percent Total Weight Variation (High - Low):		< 35%	12.5%
Actual Capsule Disintegration	USP29/NF24	<45 min	21 min
HEAVY METALS	METHOD	EXPECTED	ACTUAL
Arsenic	QCM-0020.1	NMT 3 ppm	<0.150 ppm
Cadmium	QCM-0020.1	NMT 3 ppm	<0.250 ppm
Lead	QCM-0020.1	NMT 10 ppm	<0.100 ppm
Mercury	QCM-0020.1	NMT 3 ppm	<0.100 ppm
MICROBIOLOGICAL[†]	METHOD	EXPECTED	ACTUAL
E.Coli	AOAC Method 990.11	Negative	Negative
Total Aerobic Bacteria	AOAC Method 986.32	< 10,000 cfu/g	< 10,000 cfu/g
Mold & Yeast	AOAC Method 995.21	< 1,000 cfu/g	< 1,000 cfu/g

[†] - Limit defined by the 2006 United States Pharmacopeia 29 / National Formulary 24

This product has been manufactured under current Good Manufacturing Practices. Repack of this material must also meet those guidelines under current Federal regulations. The repacker in repackaging and relabeling must assume responsibility for compliance of repackaging and relabeling with the Federal Food, Drug and Cosmetic Act as said Act is constituted and effective at time of such packaging and labeling.

DATE: 07/31/2018

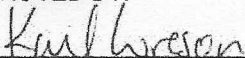
LOT NO.: 0063657

PRODUCT: CBD Capsules

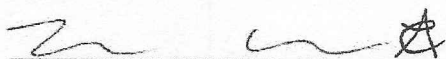
This product manufactured by:
Highland Laboratories, Inc.
PO Box 199
Mt. Angel, OR 97362
USA

The above listed information is reported to be true and accurate to the best of my knowledge.

APPROVED BY:



Karl Coreson
Quality Control Supervisor



Zane Hauck, PhD
Quality Control Manager