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Certificate of Analysis

October 7, 2022

Product Name: PlusCBD Calm & Sleep Gummies Holiday Survival Kit
Lot #: A104410922
Expiration: 08/24
Storage Conditions: Store away from direct heat and light

PlusCBD Calm Gummies – 10mg Strawberry Lemonade 30ct *				
Criteria	Specification	Test Method	cGMP requirements	Results
Appearance	Cubic gummy	Gross Organoleptic	Composition, Identity	Complies
Color	Red/Brown	Gross Organoleptic	Identity	Complies
Aroma	Sweet Fruity	Gross Organoleptic	Identity	Complies
Count	28-32 units	Gravimetric	Composition	Complies
Average Weight	3.8-4.2g	Analytical Balance	Composition	Complies
CBD content	≥100% label claim (≥10mg/gummy)	HPLC-UV	Strength, Purity, Identity	10.03 per gummy
L-Theanine content	NLT 100mg per serving	Quantity by Input	Strength, Purity, Identity	Complies
5-HTP content	NLT 50mg per serving	Quantity by Input	Strength, Purity, Identity	Complies
D9-THC content (impurities)	NMT 0.3% THC	HPLC-UV	Purity, Identity	Complies
Micro				
TAPC	< 100,000 cfu/g	Petifilm	Purity	Complies
Total Yeast & Mold	< 10,000 cfu/g	Petrifilm or Agar Plates	Purity	Complies
E. Coli	Not Detected in 1g	Blood Agar and PCR	Purity	Complies
Salmonella	Not Detected in 1g	Salmonella Petrifilm and PCR	Purity	Complies
Pseudomonas	Not Detected in 1g	Cetrimide Selective Agar	Purity	Complies
Coliforms	< 1,000 cfu/g	Petrifilm	Purity	Complies
Water Activity	NMT 0.85	Water Activity Analyzer	Purity	0.7070
Pesticide Residue	Passes BCC lists and limits	HPLC-MS	Limits on contaminants	Complies
Residual Solvents	Passes BCC lists and limits	HS-GC	Limits on contaminants	Complies
Heavy Metals				
Arsenic	NMT 1.5 ppm	ICP MS	Limits on contaminants	<0.024 ppm
Cadmium	NMT 0.5 ppm	ICP MS	Limits on contaminants	<0.024 ppm
Lead	NMT 0.125 ppm	ICP MS	Limits on contaminants	0.034 ppm
Mercury	NMT 3 ppm	ICP MS	Limits on contaminants	<0.024 ppm

* Results taken from lot # A104340822



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PlusCBD Sleep Gummies – 10mg Raspberry 30ct **				
Criteria	Specification	Test Method	cGMP requirements	Results
Appearance	Cubic gummy	Gross Organoleptic	Composition, Identity	Complies
Color	Brown/Red	Gross Organoleptic	Identity	Complies
Aroma	Sweet Fruity	Gross Organoleptic	Identity	Complies
Count	28-32 units	Gravimetric	Composition	Complies
Average weight	3.8-4.2g	Analytical Balance	Composition	Complies
CBD content	≥100% label claim (≥10mg/gummy)	HPLC-UV	Strength, Purity, Identity	10.50mg per gummy
Magnolia Extract content	NLT 50mg per serving	Quantity by Input	Strength, Purity, Identity	Complies
Lemon Balm Extract content	NLT 50mg per serving	Quantity by Input	Strength, Purity, Identity	Complies
Melatonin content	NLT 3mg per serving	UPLC	Strength, Purity, Identity	5.00mg per gummy
D9-THC content (impurities)	NMT 0.3% THC	HPLC-UV	Purity, Identity	Complies
Micro				
TAPC	< 100,000 cfu/g	Petifilm	Purity	Complies
Total Yeast & Mold	< 10,000 cfu/g	Petrifilm or Agar Plates	Purity	Complies
E. Coli	Not Detected in 1g	Blood Agar and PCR	Purity	Complies
Salmonella	Not Detected in 1g	Salmonella Petrifilm and PCR	Purity	Complies
Pseudomonas	Not Detected in 1g	Cetrimide Selective Agar	Purity	Complies
Coliforms	< 1,000 cfu/g	Petrifilm	Purity	Complies
Water Activity	NMT 0.85	Water Activity Analyzer	Purity	0.7183
Pesticide Residue	Passes BCC lists and limits	HPLC-MS	Limits on contaminants	Complies
Residual Solvents	Passes BCC lists and limits	HS-GC	Limits on contaminants	Complies
Heavy Metals				
Arsenic	NMT 1.5 ppm	ICP MS	Limits on contaminants	<0.022 ppm
Cadmium	NMT 0.5 ppm	ICP MS	Limits on contaminants	<0.022 ppm
Lead	NMT 0.125 ppm	ICP MS	Limits on contaminants	0.025 ppm
Mercury	NMT 3 ppm	ICP MS	Limits on contaminants	<0.022 ppm

** Results taken from lot # A104350922

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Vandana Kothari
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