CERTIFICATE OF ANALYSIS

Customer Name: **Hempzilla**
Type: Phytocannabinoid -Rich Hemp Oil/ Zero THC
Product Name: Raw Oil for 150mg Loop Milk Vape
LOT ID: K2218-J8
Batch ID: CONO18-8
Date: 11/22/2022

RAD2
Consultants & Innovation, LLC

Specification	Limit	Result
Flavor	Characteristic	Hemp Flavor
Color/Appearance	See Standard/visual	Dark Amber
Microbial USP - Yeast	<10 CFU/gram	PASS
Microbial USP - Mold	<10 CFU/gram	PASS

Potency	Wt (%)	(mg/g)
THC (LC/MS)	<0.001 ppm	Not Detected
CBD (LC/MS)	86.92%	869.21
CBD-A (LC/MS)	<0.03%	<0.30
CBC (LC/MS)	<0.03%	<0.30
CBN (LC/MS)	<0.03%	<0.30
CBG (LC/MS)	<0.03%	<0.30
THC-A (LC/MS)	Not Detected	Not Detected

Residual Solvents	Compliant:
Propane	PASS w/ USP<467>
Isobutane	PASS w/ USP<467>
Butane	PASS w/ USP<467>
Ethanol	PASS w/ USP<467>
Pentane	PASS w/ USP<467>
Isopropanol	PASS w/ USP<467>
Hexane	PASS w/ USP<467>
Acetone	PASS w/ USP<467>

Terpene:	Wt. (%)	Terpene:	Wt. (%)
β-Bisabolene	1.0-3.0	Camphene	0.1-0.2
β-Farnesene	1.0-2.0	E-Farnesene	0.1-0.2
Guaiol	0.5-2.0	Farnesol	0.1-0.2
β-Maaliene	0.5-2.0	α-Bisabolol	<0.1
Calarene	0.5-1.5	P-Cymene	<0.1
β-Caryophyllene	0.1-1.0	Linalool	<0.1
α-Humulene	0.1-1.0	Myrcene	<0.1
Cadinene	0.1-1.0	Phytol	<0.1
α-Gurjunene	0.1-0.5	Isopulegol	<0.1
d-Limonene	0.1-0.5	Terpiene	<0.1
Nerolidol	0.1-0.5	Geraniol	<0.1
α-Pinene	0.1-0.5	y-Terpinene	<0.1
Aristolene	0.1-0.3	δ-3-Carene	<0.1
Eucalyptol	0.1-0.2		

Pesticides:	Wt. (%)	Pesticides:	Wt. (%)
Acequinocyl	N.D	Spinosad	N.D
Pyrethrium	N.D	Spirotetermat	N.D
Spiromesifen	N.D	Bifenazate	N.D
Abamectin	N.D	Fenoxycarb	N.D
Imidacloprid	N.D	Paclobutrazol	N.D

Approved By:
Deirdre Gormley, Ph.D.

Deirdre Gormley 11 Nov 2022
Date

CERTIFICATE OF ANALYSIS

Customer Name: **Hempzilla**
Type: Phytocannabinoid -Rich Hemp Oil/ Zero THC
Product Name: Raw Oil for 300mg Loop Milk Vape
LOT ID: K2218-J8
Batch ID: CONO18-8
Date: 11/22/2022

RAD2
Consultants & Innovation, LLC

Specification	Limit	Result
Flavor	Characteristic	Hemp Flavor
Color/Appearance	See Standard/visual	Dark Amber
Microbial USP - Yeast	<10 CFU/gram	PASS
Microbial USP - Mold	<10 CFU/gram	PASS

Potency	Wt (%)	(mg/g)
THC (LC/MS)	<0.001 ppm	Not Detected
CBD (LC/MS)	86.92%	869.21
CBD-A (LC/MS)	<0.03%	<0.30
CBC (LC/MS)	<0.03%	<0.30
CBN (LC/MS)	<0.03%	<0.30
CBG (LC/MS)	<0.03%	<0.30
THC-A (LC/MS)	Not Detected	Not Detected

Residual Solvents	Compliant:
Propane	PASS w/ USP<467>
Isobutane	PASS w/ USP<467>
Butane	PASS w/ USP<467>
Ethanol	PASS w/ USP<467>
Pentane	PASS w/ USP<467>
Isopropanol	PASS w/ USP<467>
Hexane	PASS w/ USP<467>
Acetone	PASS w/ USP<467>

Terpene:	Wt. (%)	Terpene:	Wt. (%)
β-Bisabolene	1.0-3.0	Camphene	0.1-0.2
β-Farnesene	1.0-2.0	E-Farnesene	0.1-0.2
Guaiol	0.5-2.0	Farnesol	0.1-0.2
β-Maaliene	0.5-2.0	α-Bisabolol	<0.1
Calarene	0.5-1.5	P-Cymene	<0.1
β-Caryophyllene	0.1-1.0	Linalool	<0.1
α-Humulene	0.1-1.0	Myrcene	<0.1
Cadinene	0.1-1.0	Phytol	<0.1
α-Gurjunene	0.1-0.5	Isopulegol	<0.1
d-Limonene	0.1-0.5	Terpiene	<0.1
Nerolidol	0.1-0.5	Geraniol	<0.1
α-Pinene	0.1-0.5	y-Terpinene	<0.1
Aristolene	0.1-0.3	δ-3-Carene	<0.1
Eucalyptol	0.1-0.2		

Pesticides:	Wt. (%)	Pesticides:	Wt. (%)
Acequinocyl	N.D	Spinosad	N.D
Pyrethrium	N.D	Spirotetermat	N.D
Spiromesifen	N.D	Bifenazate	N.D
Abamectin	N.D	Fenoxycarb	N.D
Imidacloprid	N.D	Paclobutrazol	N.D

Approved By:
Deirdre Gormley, Ph.D.

Deirdre Gormley 11 Nov 2022
Date

CERTIFICATE OF ANALYSIS

Customer Name: **Hempzilla**
Type: Phytocannabinoid -Rich Hemp Oil/ Zero THC
Product Name: Raw Oil for 600mg Loop Milk Vape
LOT ID: K2218-J8
Batch ID: CONO18-8
Date: 11/22/2022

RAD2
Consultants & Innovation, LLC

Specification	Limit	Result
Flavor	Characteristic	Hemp Flavor
Color/Appearance	See Standard/visual	Dark Amber
Microbial USP - Yeast	<10 CFU/gram	PASS
Microbial USP - Mold	<10 CFU/gram	PASS

Potency	Wt (%)	(mg/g)
THC (LC/MS)	<0.001 ppm	Not Detected
CBD (LC/MS)	86.92%	869.21
CBD-A (LC/MS)	<0.03%	<0.30
CBC (LC/MS)	<0.03%	<0.30
CBN (LC/MS)	<0.03%	<0.30
CBG (LC/MS)	<0.03%	<0.30
THC-A (LC/MS)	Not Detected	Not Detected

Residual Solvents	Compliant:
Propane	PASS w/ USP<467>
Isobutane	PASS w/ USP<467>
Butane	PASS w/ USP<467>
Ethanol	PASS w/ USP<467>
Pentane	PASS w/ USP<467>
Isopropanol	PASS w/ USP<467>
Hexane	PASS w/ USP<467>
Acetone	PASS w/ USP<467>

Terpene:	Wt. (%)	Terpene:	Wt. (%)
β-Bisabolene	1.0-3.0	Camphene	0.1-0.2
β-Farnesene	1.0-2.0	E-Farnesene	0.1-0.2
Guaiol	0.5-2.0	Farnesol	0.1-0.2
β-Maaliene	0.5-2.0	α-Bisabolol	<0.1
Calarene	0.5-1.5	P-Cymene	<0.1
β-Caryophyllene	0.1-1.0	Linalool	<0.1
α-Humulene	0.1-1.0	Myrcene	<0.1
Cadinene	0.1-1.0	Phytol	<0.1
α-Gurjunene	0.1-0.5	Isopulegol	<0.1
d-Limonene	0.1-0.5	Terpiene	<0.1
Nerolidol	0.1-0.5	Geraniol	<0.1
α-Pinene	0.1-0.5	y-Terpinene	<0.1
Aristolene	0.1-0.3	δ-3-Carene	<0.1
Eucalyptol	0.1-0.2		

Pesticides:	Wt. (%)	Pesticides:	Wt. (%)
Acequinocyl	N.D	Spinosad	N.D
Pyrethrium	N.D	Spirotetermat	N.D
Spiromesifen	N.D	Bifenazate	N.D
Abamectin	N.D	Fenoxycarb	N.D
Imidacloprid	N.D	Paclobutrazol	N.D

Approved By:
Deirdre Gormley, Ph.D.

Deirdre Gormley 11 Nov 2022
Date

CERTIFICATE OF ANALYSIS

Customer Name: **Hempzilla**
Type: Phytocannabinoid -Rich Hemp Oil/ Zero THC
Product Name: Raw Oil for 150mg Strawberry Gelato Vape
LOT ID: K2218-J8
Batch ID: CONO18-8
Date: 11/22/2022

RAD2
Consultants & Innovation, LLC

Specification	Limit	Result
Flavor	Characteristic	Hemp Flavor
Color/Appearance	See Standard/visual	Dark Amber
Microbial USP - Yeast	<10 CFU/gram	PASS
Microbial USP - Mold	<10 CFU/gram	PASS

Potency	Wt (%)	(mg/g)
THC (LC/MS)	<0.001 ppm	Not Detected
CBD (LC/MS)	86.92%	869.21
CBD-A (LC/MS)	<0.03%	<0.30
CBC (LC/MS)	<0.03%	<0.30
CBN (LC/MS)	<0.03%	<0.30
CBG (LC/MS)	<0.03%	<0.30
THC-A (LC/MS)	Not Detected	Not Detected

Residual Solvents	Compliant:
Propane	PASS w/ USP<467>
Isobutane	PASS w/ USP<467>
Butane	PASS w/ USP<467>
Ethanol	PASS w/ USP<467>
Pentane	PASS w/ USP<467>
Isopropanol	PASS w/ USP<467>
Hexane	PASS w/ USP<467>
Acetone	PASS w/ USP<467>

Terpene:	Wt. (%)	Terpene:	Wt. (%)
β-Bisabolene	1.0-3.0	Camphene	0.1-0.2
β-Farnesene	1.0-2.0	E-Farnesene	0.1-0.2
Guaiol	0.5-2.0	Farnesol	0.1-0.2
β-Maaliene	0.5-2.0	α-Bisabolol	<0.1
Calarene	0.5-1.5	P-Cymene	<0.1
β-Caryophyllene	0.1-1.0	Linalool	<0.1
α-Humulene	0.1-1.0	Myrcene	<0.1
Cadinene	0.1-1.0	Phytol	<0.1
α-Gurjunene	0.1-0.5	Isopulegol	<0.1
d-Limonene	0.1-0.5	Terpiene	<0.1
Nerolidol	0.1-0.5	Geraniol	<0.1
α-Pinene	0.1-0.5	y-Terpinene	<0.1
Aristolene	0.1-0.3	δ-3-Carene [1]	<0.1
Eucalyptol	0.1-0.2		

Pesticides:	Wt. (%)	Pesticides:	Wt. (%)
Acequinocyl	N.D	Spinosad	N.D
Pyrethrium	N.D	Spirotetermat	N.D
Spiromesifen	N.D	Bifenazate	N.D
Abamectin	N.D	Fenoxycarb	N.D
Imidacloprid	N.D	Paclobutrazol	N.D

Approved By:
Deirdre Gormley, Ph.D.

Deirdre Gormley 11 Nov 2022
Date

CERTIFICATE OF ANALYSIS

Customer Name: **Hempzilla**
Type: Phytocannabinoid -Rich Hemp Oil/ Zero THC
Product Name: Raw Oil for 300mg Strawberry Gelato Vape
LOT ID: K2218-J8
Batch ID: CONO18-8
Date: 11/22/2022

RAD2
Consultants & Innovation, LLC

Specification	Limit	Result
Flavor	Characteristic	Hemp Flavor
Color/Appearance	See Standard/visual	Dark Amber
Microbial USP - Yeast	<10 CFU/gram	PASS
Microbial USP - Mold	<10 CFU/gram	PASS

Potency	Wt (%)	(mg/g)
THC (LC/MS)	<0.001 ppm	Not Detected
CBD (LC/MS)	86.92%	869.21
CBD-A (LC/MS)	<0.03%	<0.30
CBC (LC/MS)	<0.03%	<0.30
CBN (LC/MS)	<0.03%	<0.30
CBG (LC/MS)	<0.03%	<0.30
THC-A (LC/MS)	Not Detected	Not Detected

Residual Solvents	Compliant:
Propane	PASS w/ USP<467>
Isobutane	PASS w/ USP<467>
Butane	PASS w/ USP<467>
Ethanol	PASS w/ USP<467>
Pentane	PASS w/ USP<467>
Isopropanol	PASS w/ USP<467>
Hexane	PASS w/ USP<467>
Acetone	PASS w/ USP<467>

Terpene:	Wt. (%)	Terpene:	Wt. (%)
β-Bisabolene	1.0-3.0	Camphene	0.1-0.2
β-Farnesene	1.0-2.0	E-Farnesene	0.1-0.2
Guaiol	0.5-2.0	Farnesol	0.1-0.2
β-Maaliene	0.5-2.0	α-Bisabolol	<0.1
Calarene	0.5-1.5	P-Cymene	<0.1
β-Caryophyllene	0.1-1.0	Linalool	<0.1
α-Humulene	0.1-1.0	Myrcene	<0.1
Cadinene	0.1-1.0	Phytol	<0.1
α-Gurjunene	0.1-0.5	Isopulegol	<0.1
d-Limonene	0.1-0.5	Terpiene	<0.1
Nerolidol	0.1-0.5	Geraniol	<0.1
α-Pinene	0.1-0.5	y-Terpinene	<0.1
Aristolene	0.1-0.3	δ-3-Carene	<0.1
Eucalyptol	0.1-0.2		

Pesticides:	Wt. (%)	Pesticides:	Wt. (%)
Acequinocyl	N.D	Spinosad	N.D
Pyrethrium	N.D	Spirotetermat	N.D
Spiromesifen	N.D	Bifenazate	N.D
Abamectin	N.D	Fenoxycarb	N.D
Imidacloprid	N.D	Paclobutrazol	N.D

Approved By:
Deirdre Gormley, Ph.D.

Deirdre Gormley 11 Nov 2022
Date

CERTIFICATE OF ANALYSIS

Customer Name: **Hempzilla**
Type: Phytocannabinoid -Rich Hemp Oil/ Zero THC
Product Name: Raw Oil for 600mg Strawberry Gelato Vape
LOT ID: K2218-J8
Batch ID: CONO18-8
Date: 11/22/2022

RAD2
Consultants & Innovation, LLC

Specification	Limit	Result
Flavor	Characteristic	Hemp Flavor
Color/Appearance	See Standard/visual	Dark Amber
Microbial USP - Yeast	<10 CFU/gram	PASS
Microbial USP - Mold	<10 CFU/gram	PASS

Potency	Wt (%)	(mg/g)
THC (LC/MS)	<0.001 ppm	Not Detected
CBD (LC/MS)	86.92%	869.21
CBD-A (LC/MS)	<0.03%	<0.30
CBC (LC/MS)	<0.03%	<0.30
CBN (LC/MS)	<0.03%	<0.30
CBG (LC/MS)	<0.03%	<0.30
THC-A (LC/MS)	Not Detected	Not Detected

Residual Solvents	Compliant:
Propane	PASS w/ USP<467>
Isobutane	PASS w/ USP<467>
Butane	PASS w/ USP<467>
Ethanol	PASS w/ USP<467>
Pentane	PASS w/ USP<467>
Isopropanol	PASS w/ USP<467>
Hexane	PASS w/ USP<467>
Acetone	PASS w/ USP<467>

Terpene:	Wt. (%)	Terpene:	Wt. (%)
β-Bisabolene	1.0-3.0	Camphene	0.1-0.2
β-Farnesene	1.0-2.0	E-Farnesene	0.1-0.2
Guaiol	0.5-2.0	Farnesol	0.1-0.2
β-Maaliene	0.5-2.0	α-Bisabolol	<0.1
Calarene	0.5-1.5	P-Cymene	<0.1
β-Caryophyllene	0.1-1.0	Linalool	<0.1
α-Humulene	0.1-1.0	Myrcene	<0.1
Cadinene	0.1-1.0	Phytol	<0.1
α-Gurjunene	0.1-0.5	Isopulegol	<0.1
d-Limonene	0.1-0.5	Terpiene	<0.1
Nerolidol	0.1-0.5	Geraniol	<0.1
α-Pinene	0.1-0.5	γ-Terpinene	<0.1
Aristolene	0.1-0.3	δ-3-Carene	<0.1
Eucalyptol	0.1-0.2		

Pesticides:	Wt. (%)	Pesticides:	Wt. (%)
Acequinocyl	N.D	Spinosad	N.D
Pyrethrium	N.D	Spirotetermat	N.D
Spiromesifen	N.D	Bifenazate	N.D
Abamectin	N.D	Fenoxycarb	N.D
Imidacloprid	N.D	Paclobutrazol	N.D

Approved By:
Deirdre Gormley, Ph.D.

11 Nov 2022
Date

CERTIFICATE OF ANALYSIS

Customer Name: **Hempzilla**
Type: Phytocannabinoid -Rich Hemp Oil/ Zero THC
Product Name: Raw Oil for 150mg Watermelon Ice Vape
LOT ID: K2218-J8
Batch ID: CONO18-8
Date: 11/22/2022

RAD2
Consultants & Innovation, LLC

Specification	Limit	Result
Flavor	Characteristic	Hemp Flavor
Color/Appearance	See Standard/visual	Dark Amber
Microbial USP - Yeast	<10 CFU/gram	PASS
Microbial USP - Mold	<10 CFU/gram	PASS

Potency	Wt (%)	(mg/g)
THC (LC/MS)	<0.001 ppm	Not Detected
CBD (LC/MS)	86.92%	869.21
CBD-A (LC/MS)	<0.03%	<0.30
CBC (LC/MS)	<0.03%	<0.30
CBN (LC/MS)	<0.03%	<0.30
CBG (LC/MS)	<0.03%	<0.30
THC-A (LC/MS)	Not Detected	Not Detected

Residual Solvents	Compliant:
Propane	PASS w/ USP<467>
Isobutane	PASS w/ USP<467>
Butane	PASS w/ USP<467>
Ethanol	PASS w/ USP<467>
Pentane	PASS w/ USP<467>
Isopropanol	PASS w/ USP<467>
Hexane	PASS w/ USP<467>
Acetone	PASS w/ USP<467>

Terpene:	Wt. (%)	Terpene:	Wt. (%)
β-Bisabolene	1.0-3.0	Camphene	0.1-0.2
β-Farnesene	1.0-2.0	E-Farnesene	0.1-0.2
Guaiol	0.5-2.0	Farnesol	0.1-0.2
β-Maaliene	0.5-2.0	α-Bisabolol	<0.1
Calarene	0.5-1.5	P-Cymene	<0.1
β-Caryophyllene	0.1-1.0	Linalool	<0.1
α-Humulene	0.1-1.0	Myrcene	<0.1
Cadinene	0.1-1.0	Phytol	<0.1
α-Gurjunene	0.1-0.5	Isopulegol	<0.1
d-Limonene	0.1-0.5	Terpiene	<0.1
Nerolidol	0.1-0.5	Geraniol	<0.1
α-Pinene	0.1-0.5	y-Terpinene	<0.1
Aristolene	0.1-0.3	δ-3-Carene	<0.1
Eucalyptol	0.1-0.2		

Pesticides:	Wt. (%)	Pesticides:	Wt. (%)
Acequinocyl	N.D	Spinosad	N.D
Pyrethrium	N.D	Spirotetermat	N.D
Spiromesifen	N.D	Bifenazate	N.D
Abamectin	N.D	Fenoxycarb	N.D
Imidacloprid	N.D	Paclobutrazol	N.D

Approved By:
Deirdre Gormley, Ph.D.

11 Nov 2022
Date

CERTIFICATE OF ANALYSIS

Customer Name: **Hempzilla**
Type: Phytocannabinoid -Rich Hemp Oil/ Zero THC
Product Name: Raw Oil for 300mg Watermelon Ice Vape
LOT ID: K2218-J8
Batch ID: CONO18-8
Date: 11/22/2022

RAD2
Consultants & Innovation, LLC

Specification	Limit	Result
Flavor	Characteristic	Hemp Flavor
Color/Appearance	See Standard/visual	Dark Amber
Microbial USP - Yeast	<10 CFU/gram	PASS
Microbial USP - Mold	<10 CFU/gram	PASS

Potency	Wt (%)	(mg/g)
THC (LC/MS)	<0.001 ppm	Not Detected
CBD (LC/MS)	86.92%	869.21
CBD-A (LC/MS)	<0.03%	<0.30
CBC (LC/MS)	<0.03%	<0.30
CBN (LC/MS)	<0.03%	<0.30
CBG (LC/MS)	<0.03%	<0.30
THC-A (LC/MS)	Not Detected	Not Detected

Residual Solvents	Compliant:
Propane	PASS w/ USP<467>
Isobutane	PASS w/ USP<467>
Butane	PASS w/ USP<467>
Ethanol	PASS w/ USP<467>
Pentane	PASS w/ USP<467>
Isopropanol	PASS w/ USP<467>
Hexane	PASS w/ USP<467>
Acetone	PASS w/ USP<467>

Terpene:	Wt. (%)	Terpene:	Wt. (%)
β-Bisabolene	1.0-3.0	Camphene	0.1-0.2
β-Farnesene	1.0-2.0	E-Farnesene	0.1-0.2
Guaiol	0.5-2.0	Farnesol	0.1-0.2
β-Maaliene	0.5-2.0	α-Bisabolol	<0.1
Calarene	0.5-1.5	P-Cymene	<0.1
β-Caryophyllene	0.1-1.0	Linalool	<0.1
α-Humulene	0.1-1.0	Myrcene	<0.1
Cadinene	0.1-1.0	Phytol	<0.1
α-Gurjunene	0.1-0.5	Isopulegol	<0.1
d-Limonene	0.1-0.5	Terpiene	<0.1
Nerolidol	0.1-0.5	Geraniol	<0.1
α-Pinene	0.1-0.5	y-Terpinene	<0.1
Aristolene	0.1-0.3	δ-3-Carene	<0.1
Eucalyptol	0.1-0.2		

Pesticides:	Wt. (%)	Pesticides:	Wt. (%)
Acequinocyl	N.D	Spinosad	N.D
Pyrethrium	N.D	Spirotetermat	N.D
Spiromesifen	N.D	Bifenazate	N.D
Abamectin	N.D	Fenoxycarb	N.D
Imidacloprid	N.D	Paclobutrazol	N.D

Approved By:
Deirdre Gormley, Ph.D.

Deirdre Gormley 11 Nov 2022
Date

CERTIFICATE OF ANALYSIS

Customer Name: **Hempzilla**
Type: Phytocannabinoid -Rich Hemp Oil/ Zero THC
Product Name: Raw Oil for 600mg Watermelon Ice Vape
LOT ID: K2218-J8
Batch ID: CONO18-8
Date: 11/22/2022

RAD2
Consultants & Innovation, LLC

Specification	Limit	Result
Flavor	Characteristic	Hemp Flavor
Color/Appearance	See Standard/visual	Dark Amber
Microbial USP - Yeast	<10 CFU/gram	PASS
Microbial USP - Mold	<10 CFU/gram	PASS

Potency	Wt (%)	(mg/g)
THC (LC/MS)	<0.001 ppm	Not Detected
CBD (LC/MS)	86.92%	869.21
CBD-A (LC/MS)	<0.03%	<0.30
CBC (LC/MS)	<0.03%	<0.30
CBN (LC/MS)	<0.03%	<0.30
CBG (LC/MS)	<0.03%	<0.30
THC-A (LC/MS)	Not Detected	Not Detected

Residual Solvents	Compliant:
Propane	PASS w/ USP<467>
Isobutane	PASS w/ USP<467>
Butane	PASS w/ USP<467>
Ethanol	PASS w/ USP<467>
Pentane	PASS w/ USP<467>
Isopropanol	PASS w/ USP<467>
Hexane	PASS w/ USP<467>
Acetone	PASS w/ USP<467>

Terpene:	Wt. (%)	Terpene:	Wt. (%)
β-Bisabolene	1.0-3.0	Camphene	0.1-0.2
β-Farnesene	1.0-2.0	E-Farnesene	0.1-0.2
Guaiol	0.5-2.0	Farnesol	0.1-0.2
β-Maaliene	0.5-2.0	α-Bisabolol	<0.1
Calarene	0.5-1.5	P-Cymene	<0.1
β-Caryophyllene	0.1-1.0	Linalool	<0.1
α-Humulene	0.1-1.0	Myrcene	<0.1
Cadinene	0.1-1.0	Phytol	<0.1
α-Gurjunene	0.1-0.5	Isopulegol	<0.1
d-Limonene	0.1-0.5	Terpiene	<0.1
Nerolidol	0.1-0.5	Geraniol	<0.1
α-Pinene	0.1-0.5	y-Terpinene	<0.1
Aristolene	0.1-0.3	δ-3-Carene	<0.1
Eucalyptol	0.1-0.2		

Pesticides:	Wt. (%)	Pesticides:	Wt. (%)
Acequinocyl	N.D	Spinosad	N.D
Pyrethrium	N.D	Spirotetermat	N.D
Spiromesifen	N.D	Bifenazate	N.D
Abamectin	N.D	Fenoxycarb	N.D
Imidacloprid	N.D	Paclobutrazol	N.D

Approved By:
Deirdre Gormley, Ph.D.

Deirdre Gormley 11 Nov 2022
Date

CERTIFICATE OF ANALYSIS

Customer Name: **Hempzilla**
Type: Phytocannabinoid -Rich Hemp Oil/ Zero THC
Product Name: Raw Oil for 150mg Berry Wild Vape
LOT ID: K2218-J8
Batch ID: CONO18-8
Date: 11/22/2022

RAD2
Consultants & Innovation, LLC

Specification	Limit	Result
Flavor	Characteristic	Hemp Flavor
Color/Appearance	See Standard/visual	Dark Amber
Microbial USP - Yeast	<10 CFU/gram	PASS
Microbial USP - Mold	<10 CFU/gram	PASS

Potency	Wt (%)	(mg/g)
THC (LC/MS)	<0.001 ppm	Not Detected
CBD (LC/MS)	86.92%	869.21
CBD-A (LC/MS)	<0.03%	<0.30
CBC (LC/MS)	<0.03%	<0.30
CBN (LC/MS)	<0.03%	<0.30
CBG (LC/MS)	<0.03%	<0.30
THC-A (LC/MS)	Not Detected	Not Detected

Residual Solvents	Compliant:
Propane	PASS w/ USP<467>
Isobutane	PASS w/ USP<467>
Butane	PASS w/ USP<467>
Ethanol	PASS w/ USP<467>
Pentane	PASS w/ USP<467>
Isopropanol	PASS w/ USP<467>
Hexane	PASS w/ USP<467>
Acetone	PASS w/ USP<467>

Terpene:	Wt. (%)	Terpene:	Wt. (%)
β-Bisabolene	1.0-3.0	Camphene	0.1-0.2
β-Farnesene	1.0-2.0	E-Farnesene	0.1-0.2
Guaiol	0.5-2.0	Farnesol	0.1-0.2
β-Maaliene	0.5-2.0	α-Bisabolol	<0.1
Calarene	0.5-1.5	P-Cymene	<0.1
β-Caryophyllene	0.1-1.0	Linalool	<0.1
α-Humulene	0.1-1.0	Myrcene	<0.1
Cadinene	0.1-1.0	Phytol	<0.1
α-Gurjunene	0.1-0.5	Isopulegol	<0.1
d-Limonene	0.1-0.5	Terpiene	<0.1
Nerolidol	0.1-0.5	Geraniol	<0.1
α-Pinene	0.1-0.5	y-Terpinene	<0.1
Aristolene	0.1-0.3	δ-3-Carene	<0.1
Eucalyptol	0.1-0.2		

Pesticides:	Wt. (%)	Pesticides:	Wt. (%)
Acequinocyl	N.D	Spinosad	N.D
Pyrethrium	N.D	Spirotetermat	N.D
Spiromesifen	N.D	Bifenazate	N.D
Abamectin	N.D	Fenoxycarb	N.D
Imidacloprid	N.D	Paclobutrazol	N.D

Approved By:
Deirdre Gormley, Ph.D.

Deirdre Gormley 11 Nov 2022
Date

CERTIFICATE OF ANALYSIS

Customer Name: **Hempzilla**
Type: Phytocannabinoid -Rich Hemp Oil/ Zero THC
Product Name: Raw Oil for 300mg Berry Wild Vape
LOT ID: K2218-J8
Batch ID: CONO18-8
Date: 11/22/2022

RAD2
Consultants & Innovation, LLC

Specification	Limit	Result
Flavor	Characteristic	Hemp Flavor
Color/Appearance	See Standard/visual	Dark Amber
Microbial USP - Yeast	<10 CFU/gram	PASS
Microbial USP - Mold	<10 CFU/gram	PASS

Potency	Wt (%)	(mg/g)
THC (LC/MS)	<0.001 ppm	Not Detected
CBD (LC/MS)	86.92%	869.21
CBD-A (LC/MS)	<0.03%	<0.30
CBC (LC/MS)	<0.03%	<0.30
CBN (LC/MS)	<0.03%	<0.30
CBG (LC/MS)	<0.03%	<0.30
THC-A (LC/MS)	Not Detected	Not Detected

Residual Solvents	Compliant:
Propane	PASS w/ USP<467>
Isobutane	PASS w/ USP<467>
Butane	PASS w/ USP<467>
Ethanol	PASS w/ USP<467>
Pentane	PASS w/ USP<467>
Isopropanol	PASS w/ USP<467>
Hexane	PASS w/ USP<467>
Acetone	PASS w/ USP<467>

Terpene:	Wt. (%)	Terpene:	Wt. (%)
β-Bisabolene	1.0-3.0	Camphene	0.1-0.2
β-Farnesene	1.0-2.0	E-Farnesene	0.1-0.2
Guaiol	0.5-2.0	Farnesol	0.1-0.2
β-Maaliene	0.5-2.0	α-Bisabolol	<0.1
Calarene	0.5-1.5	P-Cymene	<0.1
β-Caryophyllene	0.1-1.0	Linalool	<0.1
α-Humulene	0.1-1.0	Myrcene	<0.1
Cadinene	0.1-1.0	Phytol	<0.1
α-Gurjunene	0.1-0.5	Isopulegol	<0.1
d-Limonene	0.1-0.5	Terpiene	<0.1
Nerolidol	0.1-0.5	Geraniol	<0.1
α-Pinene	0.1-0.5	y-Terpinene	<0.1
Aristolene	0.1-0.3	δ-3-Carene	<0.1
Eucalyptol	0.1-0.2		

Pesticides:	Wt. (%)	Pesticides:	Wt. (%)
Acequinocyl	N.D	Spinosad	N.D
Pyrethrium	N.D	Spirotetermat	N.D
Spiromesifen	N.D	Bifenazate	N.D
Abamectin	N.D	Fenoxycarb	N.D
Imidacloprid	N.D	Paclobutrazol	N.D

Approved By:
Deirdre Gormley, Ph.D.

11 Nov 2022
Date

CERTIFICATE OF ANALYSIS

Customer Name: **Hempzilla**
Type: Phytocannabinoid -Rich Hemp Oil/ Zero THC
Product Name: Raw Oil for 600mg Berry Wild Vape
LOT ID: K2218-J8
Batch ID: CONO18-8
Date: 11/22/2022

RAD2
Consultants & Innovation, LLC

Specification	Limit	Result
Flavor	Characteristic	Hemp Flavor
Color/Appearance	See Standard/visual	Dark Amber
Microbial USP - Yeast	<10 CFU/gram	PASS
Microbial USP - Mold	<10 CFU/gram	PASS

Potency	Wt (%)	(mg/g)
THC (LC/MS)	<0.001 ppm	Not Detected
CBD (LC/MS)	86.92%	869.21
CBD-A (LC/MS)	<0.03%	<0.30
CBC (LC/MS)	<0.03%	<0.30
CBN (LC/MS)	<0.03%	<0.30
CBG (LC/MS)	<0.03%	<0.30
THC-A (LC/MS)	Not Detected	Not Detected

Residual Solvents	Compliant:
Propane	PASS w/ USP<467>
Isobutane	PASS w/ USP<467>
Butane	PASS w/ USP<467>
Ethanol	PASS w/ USP<467>
Pentane	PASS w/ USP<467>
Isopropanol	PASS w/ USP<467>
Hexane	PASS w/ USP<467>
Acetone	PASS w/ USP<467>

Terpene:	Wt. (%)	Terpene:	Wt. (%)
β-Bisabolene	1.0-3.0	Camphene	0.1-0.2
β-Farnesene	1.0-2.0	E-Farnesene	0.1-0.2
Guaiol	0.5-2.0	Farnesol	0.1-0.2
β-Maaliene	0.5-2.0	α-Bisabolol	<0.1
Calarene	0.5-1.5	P-Cymene	<0.1
β-Caryophyllene	0.1-1.0	Linalool	<0.1
α-Humulene	0.1-1.0	Myrcene	<0.1
Cadinene	0.1-1.0	Phytol	<0.1
α-Gurjunene	0.1-0.5	Isopulegol	<0.1
d-Limonene	0.1-0.5	Terpiene	<0.1
Nerolidol	0.1-0.5	Geraniol	<0.1
α-Pinene	0.1-0.5	y-Terpinene	<0.1
Aristolene	0.1-0.3	δ-3-Carene	<0.1
Eucalyptol	0.1-0.2		

Pesticides:	Wt. (%)	Pesticides:	Wt. (%)
Acequinocyl	N.D	Spinosad	N.D
Pyrethrium	N.D	Spirotetermat	N.D
Spiromesifen	N.D	Bifenazate	N.D
Abamectin	N.D	Fenoxycarb	N.D
Imidacloprid	N.D	Paclobutrazol	N.D

Approved By:
Deirdre Gormley, Ph.D.

11 Nov 2022
Date