



Analytical Resource Laboratories

47-2854223
520 South 850 East, Suite B3
Lehi, UT 84043
801-847-7722
www.analyticalresource.com
info@yourqualitylab.com



Certificate of Analysis

Client Information

PRC, Inc.
10093 Prosperity Road
West Jordan, UT 84081
USA
801-971-5882

Sample Information

ARL ID: 683758-1
Date Received: 6/20/2023
Date Tested: 11/29/2023
Description: Hemp Hydrate- Berry PWD
Lot#: 23168
Serving Size: 6 g

Results

Analysis	Method	†MDL / LOQ	Specification	Results	UOM	Lab ID
<u>CBD and Industrial Hemp Package</u>						1
<u>Complete Micro Profile Pseudomonas</u>						1
Total Plate Count	USP <2021>	100	Record Only	None Detected	cfu's/g	1
Coliforms	AOAC 991.14	100	Record Only	None Detected	cfu's/g	1
E. coli	USP <2022>	Absent	Record Only	Absent	cfu's/10g	1
Staphylococcus aureus	USP <2022>	Absent	Record Only	Absent	cfu's/10g	1
Salmonella	USP <2022>	Absent	Record Only	Absent	cfu's/10g	1
Pseudomonas aeruginosa	USP <62>	Absent	Record Only	Absent	cfu's/g	1
Yeast	USP <2021>	100	Record Only	None Detected	cfu's/g	1
Mold	USP <2021>	100	Record Only	None Detected	cfu's/g	1
<u>Heavy Metals</u>						1
Arsenic (As)	ARL ICPMS 8.016	0.001	Record Only	0.033	ppm	1
Cadmium (Cd)	ARL ICPMS 8.016	0.001	Record Only	< 0.001	ppm	1
Mercury (Hg)	ARL ICPMS 8.016	0.001	Record Only	< 0.001	ppm	1
Lead (Pb)	ARL ICPMS 8.016	0.001	Record Only	0.021	ppm	1
<u>Cannabinoids</u>						1
CBC	ARL 2.058	0.002	Record Only	<0.002	%	1
CBC - A	ARL 2.058	0.002	Record Only	<0.002	%	1

Form: arlcoa031201a Report: 683758-1

experience • professionalism • value

Released by: Spencer Ashby

Printed on: 11/29/2023 2:38:14 PM

Date Released: 11/29/2023

This Certificate of Analysis represents data only for the sample provided. It does not constitute a guarantee of quality for the entire production lot. This Certificate of Analysis shall not be reproduced, except in its entirety. Amendments to this certificate of analysis shall be made only by ARL through written requests by the Client to whom this certificate is issued.



Results

Analysis	Method	†MDL / LOQ	Specification	Results	UOM	Lab ID
<u>CBC - Total</u>	ARL 2.058	0.002	Record Only ^{Note 1}	<0.002	%	1
CBD	ARL 2.058	0.0001	Record Only	14.8844	mg/Serving	1
CBD - A	ARL 2.058	0.002	Record Only	<0.002	%	1
<u>CBD - Total</u>	ARL 2.058	0.002	Record Only	0.248	%	1
CBDV	ARL 2.058	0.002	Record Only	<0.002	%	1
CBDV - A	ARL 2.058	0.002	Record Only	<0.002	%	1
<u>CBDV - Total</u>	ARL 2.058	0.002	Record Only	<0.002	%	1
CBG	ARL 2.058	0.002	Record Only	<0.002	%	1
CBG - A	ARL 2.058	0.002	Record Only	<0.002	%	1
<u>CBG - Total</u>	ARL 2.058	0.002	Record Only	<0.002	%	1
CBL	ARL 2.058	0.002	Record Only	<0.002	%	1
CBN	ARL 2.058	0.002	Record Only	<0.002	%	1
THC (Δ8)	ARL 2.058	0.002	Record Only	<0.002	%	1
THC (Δ9)	ARL 2.058	0.002	Record Only	<0.002	%	1
THC - A (Δ9)	ARL 2.058	0.002	Record Only	<0.002	%	1
<u>THC - Total (Δ9)</u>	ARL 2.058	0.002	Record Only ^{Note 2}	<0.002	%	1
THCV	ARL 2.058	0.002	Record Only	<0.002	%	1
THCV - A	ARL 2.058	0.002	Record Only	<0.002	%	1
<u>THCV - Total</u>	ARL 2.058	0.002	Record Only	<0.002	%	1
<u>Aflatoxin and Ochratoxin Package</u>	ARL 2.058					17
Aflatoxin B1	UHPLC-MS/MS	0.830	Record Only	< 0.830	ppb	17
Aflatoxin B2	UHPLC-MS/MS	0.830	Record Only	< 0.830	ppb	17
Aflatoxin G1	UHPLC-MS/MS	0.830	Record Only	< 0.830	ppb	17
Aflatoxin G2	UHPLC-MS/MS	0.830	Record Only	< 0.830	ppb	17
Ochratoxin A	UHPLC-MS/MS	0.830	Record Only	< 0.830	ppb	17
Pesticides (Multi Residue Profile)	P2220	0.1	Record Only	See Supplemental COA	ppm	17
<u>Residual Solvents (USP 467)</u>	ARL 2.065					1





Results

Analysis	Method	†MDL / LOQ	Specification	Results	UOM	Lab ID
1,1-Dichloroethylene	ARL 2.065	1.0	Record Only	< 1.0	ppm	1
1,1,1-Trichloroethane	ARL 2.065	1.0	Record Only	< 1.0	ppm	1
1,2-Dichloroethane	ARL 2.065	1.0	Record Only	< 1.0	ppm	1
Benzene	ARL 2.065	1.0	Record Only	< 1.0	ppm	1
Carbon Tetrachloride	ARL 2.065	1.0	Record Only	< 1.0	ppm	1
<u>Residual Solvents Class 2 A+B (USP 467)</u>	ARL 2.065					1
1,2-Dimethoxyethane	ARL 2.065	25.0	Record Only	< 25.0	ppm	1
1,4-Dioxane	ARL 2.065	95.5	Record Only	< 95.5	ppm	1
2-Hexanone (Methylbutylketone)	ARL 2.065	12.5	Record Only	< 12.5	ppm	1
1,2-Dichloroethylene	ARL 2.065	234.0	Record Only	< 234.0	ppm	1
Trans-1,2-Dichloroethylene	ARL 2.065	234.0	Record Only	< 234.0	ppm	1
Cis-1,2-Dichloroethylene	ARL 2.065	234.0	Record Only	< 234.0	ppm	1
Acetonitrile	ARL 2.065	103.0	Record Only	< 103.0	ppm	1
Chlorobenzene	ARL 2.065	90.0	Record Only	< 90.0	ppm	1
Chloroform (Trichloromethane)	ARL 2.065	15.0	Record Only	< 15.0	ppm	1
Cumene (Isopropylbenzene)	ARL 2.065	17.5	Record Only	< 17.5	ppm	1
Cyclohexane	ARL 2.065	975.0	Record Only	< 975.0	ppm	1
Dichloromethane (Methylene Chloride)	ARL 2.065	151.0	Record Only	< 151.0	ppm	1
N-Hexane	ARL 2.065	61.2	Record Only	< 61.2	ppm	1
Methanol (Class 2)	ARL 2.065	751.0	Record Only	< 751.0	ppm	1
Methylcyclohexane	ARL 2.065	296.5	Record Only	< 296.5	ppm	1
Nitromethane	ARL 2.065	12.5	Record Only	< 12.5	ppm	1
Pyridine	ARL 2.065	50.0	Record Only	< 50.0	ppm	1
Tetrahydrofuran	ARL 2.065	181.5	Record Only	< 181.5	ppm	1
Tetralin	ARL 2.065	21.0	Record Only	< 21.0	ppm	1
Trichloroethylene	ARL 2.065	20.0	Record Only	< 20.0	ppm	1
Toluene	ARL 2.065	223.0	Record Only	< 223.0	ppm	1
Total Xylenes	ARL 2.065	750.0	Record Only	< 750.0	ppm	1





Analysis	Method	Results			UOM	Lab ID
		†MDL / LOQ	Specification	Results		
Ethylbenzene	ARL 2.065	750.0	Record Only	< 750.0	ppm	1
m,p-Xylene	ARL 2.065	750.0	Record Only	< 750.0	ppm	1
o-Xylene	ARL 2.065	750.0	Record Only	< 750.0	ppm	1
<u>Residual Solvents Class 3 A+B (USP 467)</u>	ARL 2.065					1
Loss on Drying	ARL 2.004	0.1	Record Only ^{Note 4}	*0.8	%	1
1-Butanol	ARL 2.065	500	Record Only	< 500	ppm	1
1-Pentanol	ARL 2.065	500	Record Only	< 500	ppm	1
1-Propanol (n-Propanol)	ARL 2.065	500	Record Only	< 500	ppm	1
2-Butanol	ARL 2.065	500	Record Only	< 500	ppm	1
2-Butanone (Methylethyl Ketone)	ARL 2.065	500	Record Only	< 500	ppm	1
3-Methyl-1-Butanol (Isoamyl Alcohol)	ARL 2.065	500	Record Only	< 500	ppm	1
4-Methyl-2-Pentanone (Methylisobutyl Ketone)	ARL 2.065	500	Record Only	< 500	ppm	1
Acetic Acid	ARL 2.065	3490	Record Only	< 3490	ppm	1
Acetone	ARL 2.065	500	Record Only	< 500	ppm	1
Anisole	ARL 2.065	500	Record Only	< 500	ppm	1
Butyl Acetate (Acetic Acid Butyl Ester)	ARL 2.065	500	Record Only	< 500	ppm	1
Diethyl Ether (Ethyl Ether)	ARL 2.065	500	Record Only	< 500	ppm	1
Dimethyl Sulfoxide	ARL 2.065	500	Record Only	< 500	ppm	1
Ethanol (Class 3)	ARL 2.065	500	Record Only	< 500	ppm	1
Ethyl Acetate	ARL 2.065	500	Record Only	< 500	ppm	1
Ethyl Formate	ARL 2.065	500	Record Only	< 500	ppm	1
Formic Acid	ARL 2.065	3620	Record Only	< 3620	ppm	1
Heptane	ARL 2.065	500	Record Only	< 500	ppm	1
Isobutyl Acetate	ARL 2.065	500	Record Only	< 500	ppm	1
Isobutanol (2-Methyl-1-Propanol)	ARL 2.065	500	Record Only	< 500	ppm	1
Isopropanol (2-Propanol, Class 3)	ARL 2.065	500	Record Only	< 500	ppm	1
Isopropyl Acetate	ARL 2.065	500	Record Only	< 500	ppm	1





Analysis	Method	Results			UOM	Lab ID
		†MDL / LOQ	Specification	Results		
Methyl Acetate	ARL 2.065	500	Record Only	< 500	ppm	1
Methyl Tert-butyl Ether	ARL 2.065	500	Record Only	< 500	ppm	1
n-Pentane	ARL 2.065	500	Record Only	< 500	ppm	1
Propyl Acetate	ARL 2.065	500	Record Only	< 500	ppm	1

Notes:

1. Cannabinoid Totals account for mass difference between acid and decarboxylated forms
2. Cannabinoid Totals account for mass difference between acid and decarboxylated forms.
4. LOD determined at 60C due to the sampel melting at 105C.
 | +Revision: Updated UOM + Updated Serving Size

†Method Detection Limit (MDL):

In microbiological testing, this is the minimum level of growth that can be detected with confidence. If a result is reported as "None Detected", it means any visible growth was below this limit.

†Limit of Quantitation (LOQ):

In analytical chemistry testing, this is the minimum level of the desired analyte that can be quantified with confidence. If a result is reported as less than LOQ, it means any detected amount was too small to report an exact number.

Under accreditation number 77504, ARL is an ISO/IEC 17025:2017 Accredited Laboratory. Uncertainty data for ISO-scoped methods is available upon request. Certificate and scope are also available upon request.





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 801-971-5882

Sample Information

ARL ID: 683759-1
 Date Received: 6/20/2023
 Date Tested: 11/29/2023
 Description: Hemp Hydrate- Orange PWD
 Lot#: 23167
 Serving Size: 6 g

Results

Analysis	Method	†MDL / LOQ	Specification	Results	UOM	Lab ID
<u>CBD and Industrial Hemp Package</u>						1
<u>Complete Micro Profile Pseudomonas</u>						1
Total Plate Count	USP <2021>	100	Record Only	None Detected	cfu's/g	1
Coliforms	AOAC 991.14	100	Record Only	None Detected	cfu's/g	1
E. coli	USP <2022>	Absent	Record Only	Absent	cfu's/10g	1
Staphylococcus aureus	USP <2022>	Absent	Record Only	Absent	cfu's/10g	1
Salmonella	USP <2022>	Absent	Record Only	Absent	cfu's/10g	1
Pseudomonas aeruginosa	USP <62>	Absent	Record Only	Absent	cfu's/g	1
Yeast	USP <2021>	100	Record Only	None Detected	cfu's/g	1
Mold	USP <2021>	100	Record Only	None Detected	cfu's/g	1
<u>Heavy Metals</u>						1
Arsenic (As)	ARL ICPMS 8.016	0.001	Record Only	0.018	ppm	1
Cadmium (Cd)	ARL ICPMS 8.016	0.001	Record Only	< 0.001	ppm	1
Mercury (Hg)	ARL ICPMS 8.016	0.001	Record Only	< 0.001	ppm	1
Lead (Pb)	ARL ICPMS 8.016	0.001	Record Only	0.079	ppm	1
<u>Cannabinoids</u>						1
CBC	ARL 2.058	0.002	Record Only	<0.002	%	1
CBC - A	ARL 2.058	0.002	Record Only	<0.002	%	1

Form: arlcoa031201a Report: 683759-1
 Printed on: 11/29/2023 2:38:16 PM

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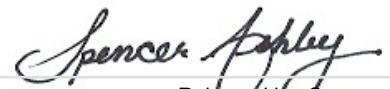
Released by: Spencer Ashby
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Results

Analysis	Method	†MDL / LOQ	Specification	Results	UOM	Lab ID
<u>CBC - Total</u>	ARL 2.058	0.002	Record Only ^{Note 1}	<0.002	%	1
CBD	ARL 2.058	0.0001	Record Only	26.8032	mg/Serving	1
CBD - A	ARL 2.058	0.002	Record Only	<0.002	%	1
<u>CBD - Total</u>	ARL 2.058	0.002	Record Only	0.447	%	1
CBDV	ARL 2.058	0.002	Record Only	<0.002	%	1
CBDV - A	ARL 2.058	0.002	Record Only	<0.002	%	1
<u>CBDV - Total</u>	ARL 2.058	0.002	Record Only	<0.002	%	1
CBG	ARL 2.058	0.002	Record Only	<0.002	%	1
CBG - A	ARL 2.058	0.002	Record Only	<0.002	%	1
<u>CBG - Total</u>	ARL 2.058	0.002	Record Only	<0.002	%	1
CBL	ARL 2.058	0.002	Record Only	<0.002	%	1
CBN	ARL 2.058	0.002	Record Only	<0.002	%	1
THC (Δ8)	ARL 2.058	0.002	Record Only	<0.002	%	1
THC (Δ9)	ARL 2.058	0.002	Record Only	<0.002	%	1
THC - A (Δ9)	ARL 2.058	0.002	Record Only	<0.002	%	1
<u>THC - Total (Δ9)</u>	ARL 2.058	0.002	Record Only ^{Note 2}	<0.002	%	1
THCV	ARL 2.058	0.002	Record Only	<0.002	%	1
THCV - A	ARL 2.058	0.002	Record Only	<0.002	%	1
<u>THCV - Total</u>	ARL 2.058	0.002	Record Only	<0.002	%	1
<u>Aflatoxin and Ochratoxin Package</u>	ARL 2.058					17
Aflatoxin B1	UHPLC-MS/MS	0.830	Record Only	< 0.830	ppb	17
Aflatoxin B2	UHPLC-MS/MS	0.830	Record Only	< 0.830	ppb	17
Aflatoxin G1	UHPLC-MS/MS	0.830	Record Only	< 0.830	ppb	17
Aflatoxin G2	UHPLC-MS/MS	0.830	Record Only	< 0.830	ppb	17
Ochratoxin A	UHPLC-MS/MS	0.830	Record Only	< 0.830	ppb	17
Pesticides (Multi Residue Profile)	P2220	0.1	Record Only	See Supplemental COA	ppm	17
<u>Residual Solvents (USP 467)</u>	ARL 2.065					1





Results

Analysis	Method	†MDL / LOQ	Specification	Results	UOM	Lab ID
1,1-Dichloroethylene	ARL 2.065	1.0	Record Only	< 1.0	ppm	1
1,1,1-Trichloroethane	ARL 2.065	1.0	Record Only	< 1.0	ppm	1
1,2-Dichloroethane	ARL 2.065	1.0	Record Only	< 1.0	ppm	1
Benzene	ARL 2.065	1.0	Record Only	< 1.0	ppm	1
Carbon Tetrachloride	ARL 2.065	1.0	Record Only	< 1.0	ppm	1
<u>Residual Solvents Class 2 A+B (USP 467)</u>	ARL 2.065					1
1,2-Dimethoxyethane	ARL 2.065	25.0	Record Only	< 25.0	ppm	1
1,4-Dioxane	ARL 2.065	95.5	Record Only	< 95.5	ppm	1
2-Hexanone (Methylbutylketone)	ARL 2.065	12.5	Record Only	< 12.5	ppm	1
1,2-Dichloroethylene	ARL 2.065	234.0	Record Only	< 234.0	ppm	1
Trans-1,2-Dichloroethylene	ARL 2.065	234.0	Record Only	< 234.0	ppm	1
Cis-1,2-Dichloroethylene	ARL 2.065	234.0	Record Only	< 234.0	ppm	1
Acetonitrile	ARL 2.065	103.0	Record Only	< 103.0	ppm	1
Chlorobenzene	ARL 2.065	90.0	Record Only	< 90.0	ppm	1
Chloroform (Trichloromethane)	ARL 2.065	15.0	Record Only	< 15.0	ppm	1
Cumene (Isopropylbenzene)	ARL 2.065	17.5	Record Only	< 17.5	ppm	1
Cyclohexane	ARL 2.065	975.0	Record Only	< 975.0	ppm	1
Dichloromethane (Methylene Chloride)	ARL 2.065	151.0	Record Only	< 151.0	ppm	1
N-Hexane	ARL 2.065	61.2	Record Only	< 61.2	ppm	1
Methanol (Class 2)	ARL 2.065	751.0	Record Only	< 751.0	ppm	1
Methylcyclohexane	ARL 2.065	296.5	Record Only	< 296.5	ppm	1
Nitromethane	ARL 2.065	12.5	Record Only	< 12.5	ppm	1
Pyridine	ARL 2.065	50.0	Record Only	< 50.0	ppm	1
Tetrahydrofuran	ARL 2.065	181.5	Record Only	< 181.5	ppm	1
Tetralin	ARL 2.065	21.0	Record Only	< 21.0	ppm	1
Trichloroethylene	ARL 2.065	20.0	Record Only	< 20.0	ppm	1
Toluene	ARL 2.065	223.0	Record Only	< 223.0	ppm	1
Total Xylenes	ARL 2.065	750.0	Record Only	< 750.0	ppm	1





Analysis	Method	Results				UOM	Lab ID
		†MDL / LOQ	Specification	Results			
Ethylbenzene	ARL 2.065	750.0	Record Only	< 750.0	ppm	1	
m,p-Xylene	ARL 2.065	750.0	Record Only	< 750.0	ppm	1	
o-Xylene	ARL 2.065	750.0	Record Only	< 750.0	ppm	1	
<u>Residual Solvents Class 3 A+B (USP 467)</u>	ARL 2.065					1	
Loss on Drying	ARL 2.004	0.1	Record Only ^{Note 3}	*0.6	%	1	
1-Butanol	ARL 2.065	500	Record Only	< 500	ppm	1	
1-Pentanol	ARL 2.065	500	Record Only	< 500	ppm	1	
1-Propanol (n-Propanol)	ARL 2.065	500	Record Only	< 500	ppm	1	
2-Butanol	ARL 2.065	500	Record Only	< 500	ppm	1	
2-Butanone (Methylethyl Ketone)	ARL 2.065	500	Record Only	< 500	ppm	1	
3-Methyl-1-Butanol (Isoamyl Alcohol)	ARL 2.065	500	Record Only	< 500	ppm	1	
4-Methyl-2-Pentanone (Methylisobutyl Ketone)	ARL 2.065	500	Record Only	< 500	ppm	1	
Acetic Acid	ARL 2.065	3490	Record Only	< 3490	ppm	1	
Acetone	ARL 2.065	500	Record Only	< 500	ppm	1	
Anisole	ARL 2.065	500	Record Only	< 500	ppm	1	
Butyl Acetate (Acetic Acid Butyl Ester)	ARL 2.065	500	Record Only	< 500	ppm	1	
Diethyl Ether (Ethyl Ether)	ARL 2.065	500	Record Only	< 500	ppm	1	
Dimethyl Sulfoxide	ARL 2.065	500	Record Only	< 500	ppm	1	
Ethanol (Class 3)	ARL 2.065	500	Record Only	< 500	ppm	1	
Ethyl Acetate	ARL 2.065	500	Record Only	< 500	ppm	1	
Ethyl Formate	ARL 2.065	500	Record Only	< 500	ppm	1	
Formic Acid	ARL 2.065	3620	Record Only	< 3620	ppm	1	
Heptane	ARL 2.065	500	Record Only	< 500	ppm	1	
Isobutyl Acetate	ARL 2.065	500	Record Only	< 500	ppm	1	
Isobutanol (2-Methyl-1-Propanol)	ARL 2.065	500	Record Only	< 500	ppm	1	
Isopropanol (2-Propanol, Class 3)	ARL 2.065	500	Record Only	< 500	ppm	1	
Isopropyl Acetate	ARL 2.065	500	Record Only	< 500	ppm	1	





Analysis	Method	Results			UOM	Lab ID
		†MDL / LOQ	Specification	Results		
Methyl Acetate	ARL 2.065	500	Record Only	< 500	ppm	1
Methyl Tert-butyl Ether	ARL 2.065	500	Record Only	< 500	ppm	1
n-Pentane	ARL 2.065	500	Record Only	< 500	ppm	1
Propyl Acetate	ARL 2.065	500	Record Only	< 500	ppm	1

Notes:

1. Cannabinoid Totals account for mass difference between acid and decarboxylated forms
2. Cannabinoid Totals account for mass difference between acid and decarboxylated forms.
3. LOD determined at 60C due to the sampel melting at 105C.
 | +Revision: Updated UOM + Updated Serving Size

†Method Detection Limit (MDL):

In microbiological testing, this is the minimum level of growth that can be detected with confidence. If a result is reported as "None Detected", it means any visible growth was below this limit.

†Limit of Quantitation (LOQ):

In analytical chemistry testing, this is the minimum level of the desired analyte that can be quantified with confidence. If a result is reported as less than LOQ, it means any detected amount was too small to report an exact number.

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Certificate of Analysis

Client Information

PRC, Inc.
10093 Prosperity Road
West Jordan, UT 84081
USA
801-971-5882

Sample Information

ARL ID: 683762-1
Date Received: 6/20/2023
Date Tested: 11/29/2023
Description: Hemp Hydrate- Lemon Lime PWD
Lot#: 23166
Serving Size: 6 g

Results

Analysis	Method	†MDL / LOQ	Specification	Results	UOM	Lab ID
<u>CBD and Industrial Hemp Package</u>						1
<u>Complete Micro Profile Pseudomonas</u>						1
Total Plate Count	USP <2021>	100	Record Only	None Detected	cfu's/g	1
Coliforms	AOAC 991.14	100	Record Only	None Detected	cfu's/g	1
E. coli	USP <2022>	Absent	Record Only	Absent	cfu's/10g	1
Staphylococcus aureus	USP <2022>	Absent	Record Only	Absent	cfu's/10g	1
Salmonella	USP <2022>	Absent	Record Only	Absent	cfu's/10g	1
Pseudomonas aeruginosa	USP <62>	Absent	Record Only	Absent	cfu's/g	1
Yeast	USP <2021>	100	Record Only	None Detected	cfu's/g	1
Mold	USP <2021>	100	Record Only	None Detected	cfu's/g	1
<u>Heavy Metals</u>						1
Arsenic (As)	ARL ICPMS 8.016	0.001	Record Only	0.038	ppm	1
Cadmium (Cd)	ARL ICPMS 8.016	0.001	Record Only	< 0.001	ppm	1
Mercury (Hg)	ARL ICPMS 8.016	0.001	Record Only	< 0.001	ppm	1
Lead (Pb)	ARL ICPMS 8.016	0.001	Record Only	0.013	ppm	1
<u>Cannabinoids</u>						1
CBC	ARL 2.058	0.002	Record Only	<0.002	%	1
CBC - A	ARL 2.058	0.002	Record Only	<0.002	%	1





Results						
Analysis	Method	†MDL / LOQ	Specification	Results	UOM	Lab ID
<u>CBC - Total</u>	ARL 2.058	0.002	Record Only ^{Note 1}	<0.002	%	1
CBD	ARL 2.058	0.0001	Record Only	13.2301	mg/Serving	1
CBD - A	ARL 2.058	0.002	Record Only	<0.002	%	1
<u>CBD - Total</u>	ARL 2.058	0.002	Record Only	0.221	%	1
CBDV	ARL 2.058	0.002	Record Only	<0.002	%	1
CBDV - A	ARL 2.058	0.002	Record Only	<0.002	%	1
<u>CBDV - Total</u>	ARL 2.058	0.002	Record Only	<0.002	%	1
CBG	ARL 2.058	0.002	Record Only	<0.002	%	1
CBG - A	ARL 2.058	0.002	Record Only	<0.002	%	1
<u>CBG - Total</u>	ARL 2.058	0.002	Record Only	<0.002	%	1
CBL	ARL 2.058	0.002	Record Only	<0.002	%	1
CBN	ARL 2.058	0.002	Record Only	<0.002	%	1
THC (Δ8)	ARL 2.058	0.002	Record Only	<0.002	%	1
THC (Δ9)	ARL 2.058	0.002	Record Only	<0.002	%	1
THC - A (Δ9)	ARL 2.058	0.002	Record Only	<0.002	%	1
<u>THC - Total (Δ9)</u>	ARL 2.058	0.002	Record Only ^{Note 2}	<0.002	%	1
THCV	ARL 2.058	0.002	Record Only	<0.002	%	1
THCV - A	ARL 2.058	0.002	Record Only	<0.002	%	1
<u>THCV - Total</u>	ARL 2.058	0.002	Record Only	<0.002	%	1
<u>Aflatoxin and Ochratoxin Package</u>	ARL 2.058					17
Aflatoxin B1	UHPLC-MS/MS	0.830	Record Only	< 0.830	ppb	17
Aflatoxin B2	UHPLC-MS/MS	0.830	Record Only	< 0.830	ppb	17
Aflatoxin G1	UHPLC-MS/MS	0.830	Record Only	< 0.830	ppb	17
Aflatoxin G2	UHPLC-MS/MS	0.830	Record Only	< 0.830	ppb	17
Ochratoxin A	UHPLC-MS/MS	0.830	Record Only	< 0.830	ppb	17
Pesticides (Multi Residue Profile)	P2220	0.1	Record Only	See Supplemental COA	ppm	17
<u>Residual Solvents (USP 467)</u>	ARL 2.065					1





Results

Analysis	Method	†MDL / LOQ	Specification	Results	UOM	Lab ID
1,1-Dichloroethylene	ARL 2.065	1.0	Record Only	< 1.0	ppm	1
1,1,1-Trichloroethane	ARL 2.065	1.0	Record Only	< 1.0	ppm	1
1,2-Dichloroethane	ARL 2.065	1.0	Record Only	< 1.0	ppm	1
Benzene	ARL 2.065	1.0	Record Only	< 1.0	ppm	1
Carbon Tetrachloride	ARL 2.065	1.0	Record Only	< 1.0	ppm	1
<u>Residual Solvents Class 2 A+B (USP 467)</u>	ARL 2.065					1
1,2-Dimethoxyethane	ARL 2.065	25.0	Record Only	< 25.0	ppm	1
1,4-Dioxane	ARL 2.065	95.5	Record Only	< 95.5	ppm	1
2-Hexanone (Methylbutylketone)	ARL 2.065	12.5	Record Only	< 12.5	ppm	1
1,2-Dichloroethylene	ARL 2.065	234.0	Record Only	< 234.0	ppm	1
Trans-1,2-Dichloroethylene	ARL 2.065	234.0	Record Only	< 234.0	ppm	1
Cis-1,2-Dichloroethylene	ARL 2.065	234.0	Record Only	< 234.0	ppm	1
Acetonitrile	ARL 2.065	103.0	Record Only	< 103.0	ppm	1
Chlorobenzene	ARL 2.065	90.0	Record Only	< 90.0	ppm	1
Chloroform (Trichloromethane)	ARL 2.065	15.0	Record Only	< 15.0	ppm	1
Cumene (Isopropylbenzene)	ARL 2.065	17.5	Record Only	< 17.5	ppm	1
Cyclohexane	ARL 2.065	975.0	Record Only	< 975.0	ppm	1
Dichloromethane (Methylene Chloride)	ARL 2.065	151.0	Record Only	< 151.0	ppm	1
N-Hexane	ARL 2.065	61.2	Record Only	< 61.2	ppm	1
Methanol (Class 2)	ARL 2.065	751.0	Record Only	< 751.0	ppm	1
Methylcyclohexane	ARL 2.065	296.5	Record Only	< 296.5	ppm	1
Nitromethane	ARL 2.065	12.5	Record Only	< 12.5	ppm	1
Pyridine	ARL 2.065	50.0	Record Only	< 50.0	ppm	1
Tetrahydrofuran	ARL 2.065	181.5	Record Only	< 181.5	ppm	1
Tetralin	ARL 2.065	21.0	Record Only	< 21.0	ppm	1
Trichloroethylene	ARL 2.065	20.0	Record Only	< 20.0	ppm	1
Toluene	ARL 2.065	223.0	Record Only	< 223.0	ppm	1
Total Xylenes	ARL 2.065	750.0	Record Only	< 750.0	ppm	1





Analysis	Method	Results			UOM	Lab ID
		†MDL / LOQ	Specification	Results		
Ethylbenzene	ARL 2.065	750.0	Record Only	< 750.0	ppm	1
m,p-Xylene	ARL 2.065	750.0	Record Only	< 750.0	ppm	1
o-Xylene	ARL 2.065	750.0	Record Only	< 750.0	ppm	1
<u>Residual Solvents Class 3 A+B (USP 467)</u>	ARL 2.065					1
Loss on Drying	ARL 2.004	0.1	Record Only ^{Note 3}	*0.5	%	1
1-Butanol	ARL 2.065	500	Record Only	< 500	ppm	1
1-Pentanol	ARL 2.065	500	Record Only	< 500	ppm	1
1-Propanol (n-Propanol)	ARL 2.065	500	Record Only	< 500	ppm	1
2-Butanol	ARL 2.065	500	Record Only	< 500	ppm	1
2-Butanone (Methylethyl Ketone)	ARL 2.065	500	Record Only	< 500	ppm	1
3-Methyl-1-Butanol (Isoamyl Alcohol)	ARL 2.065	500	Record Only	< 500	ppm	1
4-Methyl-2-Pentanone (Methylisobutyl Ketone)	ARL 2.065	500	Record Only	< 500	ppm	1
Acetic Acid	ARL 2.065	3490	Record Only	< 3490	ppm	1
Acetone	ARL 2.065	500	Record Only	< 500	ppm	1
Anisole	ARL 2.065	500	Record Only	< 500	ppm	1
Butyl Acetate (Acetic Acid Butyl Ester)	ARL 2.065	500	Record Only	< 500	ppm	1
Diethyl Ether (Ethyl Ether)	ARL 2.065	500	Record Only	< 500	ppm	1
Dimethyl Sulfoxide	ARL 2.065	500	Record Only	< 500	ppm	1
Ethanol (Class 3)	ARL 2.065	500	Record Only	< 500	ppm	1
Ethyl Acetate	ARL 2.065	500	Record Only	< 500	ppm	1
Ethyl Formate	ARL 2.065	500	Record Only	< 500	ppm	1
Formic Acid	ARL 2.065	3620	Record Only	< 3620	ppm	1
Heptane	ARL 2.065	500	Record Only	< 500	ppm	1
Isobutyl Acetate	ARL 2.065	500	Record Only	< 500	ppm	1
Isobutanol (2-Methyl-1-Propanol)	ARL 2.065	500	Record Only	< 500	ppm	1
Isopropanol (2-Propanol, Class 3)	ARL 2.065	500	Record Only	< 500	ppm	1
Isopropyl Acetate	ARL 2.065	500	Record Only	< 500	ppm	1





Analysis	Method	Results			UOM	Lab ID
		†MDL / LOQ	Specification	Results		
Methyl Acetate	ARL 2.065	500	Record Only	< 500	ppm	1
Methyl Tert-butyl Ether	ARL 2.065	500	Record Only	< 500	ppm	1
n-Pentane	ARL 2.065	500	Record Only	< 500	ppm	1
Propyl Acetate	ARL 2.065	500	Record Only	< 500	ppm	1

Notes:

1. Cannabinoid Totals account for mass difference between acid and decarboxylated forms
2. Cannabinoid Totals account for mass difference between acid and decarboxylated forms.
3. LOD determined at 60C due to the sampel melting at 105C.
 | +Revision: Updated UOM + Updated Serving Size

†Method Detection Limit (MDL):

In microbiological testing, this is the minimum level of growth that can be detected with confidence. If a result is reported as "None Detected", it means any visible growth was below this limit.

†Limit of Quantitation (LOQ):

In analytical chemistry testing, this is the minimum level of the desired analyte that can be quantified with confidence. If a result is reported as less than LOQ, it means any detected amount was too small to report an exact number.

Under accreditation number 77504, ARL is an ISO/IEC 17025:2017 Accredited Laboratory. Uncertainty data for ISO-scoped methods is available upon request. Certificate and scope are also available upon request.





Analytical Resource Laboratories

47-2854223
520 South 850 East, Suite B3
Lehi, UT 84043
801-847-7722
www.analyticalresource.com
info@yourqualitylab.com



Certificate of Analysis

Client Information

PRC, Inc.
10093 Prosperity Road
West Jordan, UT 84081
USA
801-971-5882

Sample Information

ARL ID: 683761-1
Date Received: 6/20/2023
Date Tested: 11/29/2023
Description: Hemp Hydrate- Fruit Punch PWD
Lot#: 23169
Serving Size: 6 g

Results

Analysis	Method	†MDL / LOQ	Specification	Results	UOM	Lab ID
<u>CBD and Industrial Hemp Package</u>						1
<u>Complete Micro Profile Pseudomonas</u>	USP, AOAC					1
Total Plate Count	USP <2021>	100	Record Only	None Detected	cfu's/g	1
Coliforms	AOAC 991.14	100	Record Only	None Detected	cfu's/g	1
E. coli	USP <2022>	Absent	Record Only	Absent	cfu's/10g	1
Staphylococcus aureus	USP <2022>	Absent	Record Only	Absent	cfu's/10g	1
Salmonella	USP <2022>	Absent	Record Only	Absent	cfu's/10g	1
Pseudomonas aeruginosa	USP <62>	Absent	Record Only	Absent	cfu's/g	1
Yeast	USP <2021>	100	Record Only	None Detected	cfu's/g	1
Mold	USP <2021>	100	Record Only	None Detected	cfu's/g	1
<u>Heavy Metals</u>	ARL ICPMS 8.016					1
Arsenic (As)	ARL ICPMS 8.016	0.001	Record Only	0.031	ppm	1
Cadmium (Cd)	ARL ICPMS 8.016	0.001	Record Only	< 0.001	ppm	1
Mercury (Hg)	ARL ICPMS 8.016	0.001	Record Only	< 0.001	ppm	1
Lead (Pb)	ARL ICPMS 8.016	0.001	Record Only	0.027	ppm	1
<u>Cannabinoids</u>	ARL 2.058					1
CBC	ARL 2.058	0.002	Record Only	<0.002	%	1
CBC - A	ARL 2.058	0.002	Record Only	<0.002	%	1

Form: arlcoa031201a Report: 683761-1
Printed on: 11/29/2023 2:38:17 PM

experience • professionalism • value

Released by: Spencer Ashby
Date Released: 11/29/2023

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Results

Analysis	Method	†MDL / LOQ	Specification	Results	UOM	Lab ID
<u>CBC - Total</u>	ARL 2.058	0.002	Record Only ^{Note 1}	<0.002	%	1
CBD	ARL 2.058	0.0001	Record Only	14.6825	mg/Serving	1
CBD - A	ARL 2.058	0.002	Record Only	<0.002	%	1
<u>CBD - Total</u>	ARL 2.058	0.002	Record Only	0.245	%	1
CBDV	ARL 2.058	0.002	Record Only	<0.002	%	1
CBDV - A	ARL 2.058	0.002	Record Only	<0.002	%	1
<u>CBDV - Total</u>	ARL 2.058	0.002	Record Only	<0.002	%	1
CBG	ARL 2.058	0.002	Record Only	<0.002	%	1
CBG - A	ARL 2.058	0.002	Record Only	<0.002	%	1
<u>CBG - Total</u>	ARL 2.058	0.002	Record Only	<0.002	%	1
CBL	ARL 2.058	0.002	Record Only	<0.002	%	1
CBN	ARL 2.058	0.002	Record Only	<0.002	%	1
THC (Δ8)	ARL 2.058	0.002	Record Only	<0.002	%	1
THC (Δ9)	ARL 2.058	0.002	Record Only	<0.002	%	1
THC - A (Δ9)	ARL 2.058	0.002	Record Only	<0.002	%	1
<u>THC - Total (Δ9)</u>	ARL 2.058	0.002	Record Only ^{Note 2}	<0.002	%	1
THCV	ARL 2.058	0.002	Record Only	<0.002	%	1
THCV - A	ARL 2.058	0.002	Record Only	<0.002	%	1
<u>THCV - Total</u>	ARL 2.058	0.002	Record Only	<0.002	%	1
<u>Aflatoxin and Ochratoxin Package</u>	ARL 2.058					17
Aflatoxin B1	UHPLC-MS/MS	0.830	Record Only	< 0.830	ppb	17
Aflatoxin B2	UHPLC-MS/MS	0.830	Record Only	< 0.830	ppb	17
Aflatoxin G1	UHPLC-MS/MS	0.830	Record Only	< 0.830	ppb	17
Aflatoxin G2	UHPLC-MS/MS	0.830	Record Only	< 0.830	ppb	17
Ochratoxin A	UHPLC-MS/MS	0.830	Record Only	< 0.830	ppb	17
Pesticides (Multi Residue Profile)	P2220	0.1	Record Only	See Supplemental COA	ppm	17
<u>Residual Solvents (USP 467)</u>	ARL 2.065					1





Results

Analysis	Method	†MDL / LOQ	Specification	Results	UOM	Lab ID
1,1-Dichloroethylene	ARL 2.065	1.0	Record Only	< 1.0	ppm	1
1,1,1-Trichloroethane	ARL 2.065	1.0	Record Only	< 1.0	ppm	1
1,2-Dichloroethane	ARL 2.065	1.0	Record Only	< 1.0	ppm	1
Benzene	ARL 2.065	1.0	Record Only	< 1.0	ppm	1
Carbon Tetrachloride	ARL 2.065	1.0	Record Only	< 1.0	ppm	1
<u>Residual Solvents Class 2 A+B (USP 467)</u>	ARL 2.065					1
1,2-Dimethoxyethane	ARL 2.065	25.0	Record Only	< 25.0	ppm	1
1,4-Dioxane	ARL 2.065	95.5	Record Only	< 95.5	ppm	1
2-Hexanone (Methylbutylketone)	ARL 2.065	12.5	Record Only	< 12.5	ppm	1
1,2-Dichloroethylene	ARL 2.065	234.0	Record Only	< 234.0	ppm	1
Trans-1,2-Dichloroethylene	ARL 2.065	234.0	Record Only	< 234.0	ppm	1
Cis-1,2-Dichloroethylene	ARL 2.065	234.0	Record Only	< 234.0	ppm	1
Acetonitrile	ARL 2.065	103.0	Record Only	< 103.0	ppm	1
Chlorobenzene	ARL 2.065	90.0	Record Only	< 90.0	ppm	1
Chloroform (Trichloromethane)	ARL 2.065	15.0	Record Only	< 15.0	ppm	1
Cumene (Isopropylbenzene)	ARL 2.065	17.5	Record Only	< 17.5	ppm	1
Cyclohexane	ARL 2.065	975.0	Record Only	< 975.0	ppm	1
Dichloromethane (Methylene Chloride)	ARL 2.065	151.0	Record Only	< 151.0	ppm	1
N-Hexane	ARL 2.065	61.2	Record Only	< 61.2	ppm	1
Methanol (Class 2)	ARL 2.065	751.0	Record Only	< 751.0	ppm	1
Methylcyclohexane	ARL 2.065	296.5	Record Only	< 296.5	ppm	1
Nitromethane	ARL 2.065	12.5	Record Only	< 12.5	ppm	1
Pyridine	ARL 2.065	50.0	Record Only	< 50.0	ppm	1
Tetrahydrofuran	ARL 2.065	181.5	Record Only	< 181.5	ppm	1
Tetralin	ARL 2.065	21.0	Record Only	< 21.0	ppm	1
Trichloroethylene	ARL 2.065	20.0	Record Only	< 20.0	ppm	1
Toluene	ARL 2.065	223.0	Record Only	< 223.0	ppm	1
Total Xylenes	ARL 2.065	750.0	Record Only	< 750.0	ppm	1





Analysis	Method	Results				UOM	Lab ID
		†MDL / LOQ	Specification	Results			
Ethylbenzene	ARL 2.065	750.0	Record Only	< 750.0	ppm	1	
m,p-Xylene	ARL 2.065	750.0	Record Only	< 750.0	ppm	1	
o-Xylene	ARL 2.065	750.0	Record Only	< 750.0	ppm	1	
<u>Residual Solvents Class 3 A+B (USP 467)</u>	ARL 2.065					1	
Loss on Drying	ARL 2.004	0.1	Record Only ^{Note 3}	*0.3	%	1	
1-Butanol	ARL 2.065	500	Record Only	< 500	ppm	1	
1-Pentanol	ARL 2.065	500	Record Only	< 500	ppm	1	
1-Propanol (n-Propanol)	ARL 2.065	500	Record Only	< 500	ppm	1	
2-Butanol	ARL 2.065	500	Record Only	< 500	ppm	1	
2-Butanone (Methylethyl Ketone)	ARL 2.065	500	Record Only	< 500	ppm	1	
3-Methyl-1-Butanol (Isoamyl Alcohol)	ARL 2.065	500	Record Only	< 500	ppm	1	
4-Methyl-2-Pentanone (Methylisobutyl Ketone)	ARL 2.065	500	Record Only	< 500	ppm	1	
Acetic Acid	ARL 2.065	3490	Record Only	< 3490	ppm	1	
Acetone	ARL 2.065	500	Record Only	< 500	ppm	1	
Anisole	ARL 2.065	500	Record Only	< 500	ppm	1	
Butyl Acetate (Acetic Acid Butyl Ester)	ARL 2.065	500	Record Only	< 500	ppm	1	
Diethyl Ether (Ethyl Ether)	ARL 2.065	500	Record Only	< 500	ppm	1	
Dimethyl Sulfoxide	ARL 2.065	500	Record Only	< 500	ppm	1	
Ethanol (Class 3)	ARL 2.065	500	Record Only	< 500	ppm	1	
Ethyl Acetate	ARL 2.065	500	Record Only	< 500	ppm	1	
Ethyl Formate	ARL 2.065	500	Record Only	< 500	ppm	1	
Formic Acid	ARL 2.065	3620	Record Only	< 3620	ppm	1	
Heptane	ARL 2.065	500	Record Only	< 500	ppm	1	
Isobutyl Acetate	ARL 2.065	500	Record Only	< 500	ppm	1	
Isobutanol (2-Methyl-1-Propanol)	ARL 2.065	500	Record Only	< 500	ppm	1	
Isopropanol (2-Propanol, Class 3)	ARL 2.065	500	Record Only	< 500	ppm	1	
Isopropyl Acetate	ARL 2.065	500	Record Only	< 500	ppm	1	





Analysis	Method	Results			UOM	Lab ID
		†MDL / LOQ	Specification	Results		
Methyl Acetate	ARL 2.065	500	Record Only	< 500	ppm	1
Methyl Tert-butyl Ether	ARL 2.065	500	Record Only	< 500	ppm	1
n-Pentane	ARL 2.065	500	Record Only	< 500	ppm	1
Propyl Acetate	ARL 2.065	500	Record Only	< 500	ppm	1

Notes:

1. Cannabinoid Totals account for mass difference between acid and decarboxylated forms
2. Cannabinoid Totals account for mass difference between acid and decarboxylated forms.
3. LOD determined at 60C due to the sampel melting at 105C.
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