



ARL

Analytical Resource Laboratory

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

Steding and Sons Mercantile - 1836 Kratom
13200 Pond Springs Rd E39
Austin, TX
78729 USA
512.998.1773

Sample Information

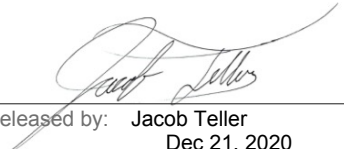
ARL ID: 384427
Date Received: 12/7/2020
Description: La Luna Roja - Liquid
Lot#: 161902

Analysis	Method	MDL	Specification	Results	UOM	Lab ID
Kratom 4A Profile						1
Complete Micro Profile	USP, AOAC					1
Total Plate Count (High Count)	USP <2021>	10	Record Only	None Detected	cfu's/g	1
Coliforms	AOAC 991.14	10	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
Yeast (High Count)	USP <2021>	10	Record Only	None Detected	cfu's/g	1
Mold (High Count)	USP <2021>	10	Record Only	None Detected	cfu's/g	1
Heavy Metals	ARI					1
Arsenic (As)	ARI	0.001	Record Only	0.015	ppm	1
Cadmium (Cd)	ARL ICPMS	0.001	Record Only	< 0.001	ppm	1
Mercury (Hg)	ARL ICPMS	0.001	Record Only	0.002	ppm	1
Lead (Pb)	ARL ICPMS	0.001	Record Only	< 0.001	ppm	1

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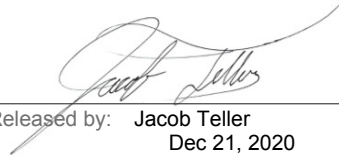
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Residual Solvents Class 1 (USP 467)	ARL 2.065					1
1,1-Dichloroethylene	ARL 2.065	1.0	Record Only	< 1.0	ppm	1
1,1,1-Trichloroethane	ARL 2.065	1.0	Record Only	< 1.0	ppm	1
1,2-Dichloroethane	ARL 2.065	1.0	Record Only	< 1.0	ppm	1
Benzene	ARL 2.065	1.0	Record Only	< 1.0	ppm	1
Carbon Tetrachloride	ARL 2.065	1.0	Record Only	< 1.0	ppm	1
Residual Solvents Class 2 A+B (USP 467)	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

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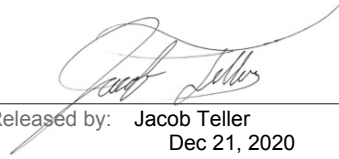
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Methylcyclohexane	ARL 2.065	296.5	Record Only	< 296.5	ppm	1
Nitromethane	ARL 2.065	12.5	Record Only	< 12.5	ppm	1
Pyridine	ARL 2.065	50.0	Record Only	< 50.0	ppm	1
Tetrahydrofuran	ARL 2.065	181.5	Record Only	< 181.5	ppm	1
Tetralin	ARL 2.065	21.0	Record 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
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
Residual Solvents Class 3 A+B (USP 467)	ARL 2.065					1
Loss on Drying	2.004	0.1	Record Only	77.5	%	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)	ARL 2.065	500	Record Only	< 500	ppm	1
Acetic Acid	ARL 2.065	3490	Record Only	< 3490	ppm	1

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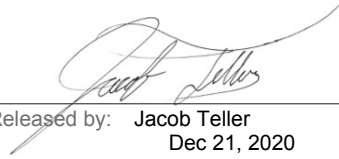
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Acetone	ARL 2.065	500	Record Only	< 500	ppm	1
Anisole	ARL 2.065	500	Record Only	< 500	ppm	1
Butyl Acetate (Acetic Acid Butyl Ester)	ARL 2.065	500	Record Only	< 500	ppm	1
Diethyl Ether (Ethyl Ether)	ARL 2.065	500	Record Only	< 500	ppm	1
Dimethyl Sulfoxide	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
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

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