



2600 North Main St.
 Spanish Fork, UT 84660
 (801) 210-2084

Report Number: 191227 011-01.1944
 Date Reported: 1/14/2020

Sample Details

Product #: Celery Power
 Description: Celery Power
 Lot #: 191202
 Received: 12/27/2019 3:12:05 PM
 Sample Details:

Customer Information

Top Health Manufacturing
 1350 Cal Pac Ave
 Spanish Fork, UT 84660

Certificate of Analysis

Chemistry	Method	Specifications	Result	Units
Botanicals and Nutraceuticals				
CBDV	WI.HPLC.401.01		< 0.010	g/100g
THCV	WI.HPLC.401.01		< 0.010	g/100g
CBD	WI.HPLC.401.01		0.342	g/100g
CBD mg/g	WI.HPLC.401.01		3.424	mg/g
CBD ppm	WI.HPLC.401.01		3424.326	ppm
CBG	WI.HPLC.401.01		< 0.010	g/100g
CBDA	WI.HPLC.401.01		< 0.010	g/100g
CBGA	WI.HPLC.401.01		< 0.010	g/100g
CBN	WI.HPLC.401.01		< 0.010	g/100g
d9-THC	WI.HPLC.401.01		< 0.010	g/100g
d8-THC	WI.HPLC.401.01		< 0.010	g/100g
CBC	WI.HPLC.401.01		0.016	g/100g
THCA-A	WI.HPLC.401.01		< 0.010	g/100g
Total THC	WI.HPLC.401.01		< 0.010	g/100g
Elemental Analysis				
Heavy Metals				
Arsenic	USP <2232>		0.174	ppm
Cadmium	USP <2232>		0.107	ppm
Lead	USP <2232>		0.382	ppm
Mercury	USP <2232>		0.009	ppm
Microbiology				
Total Plate Count	USP <2021>	< 1000	< 1000	cfu/g
Total Coliform	USP <2021>	< 10	< 10	cfu/g
E.coli	Biolumix	None Detected	None Detected	cfu/10g
Salmonella spp.	AOAC 2013.01 <Vidas>	None Detected	None Detected	cfu/25g
Staphylococcus aureus	USP <2022>	None Detected	None Detected	cfu/10g
Yeasts & Molds	USP <2021>	< 100	< 100	cfu/g



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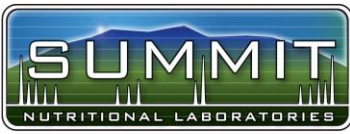
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Subcontract	Method	Specifications	Result	Units
Pesticides				
Acephate	USP <561>		< 0.100	ppm
Alachlor	USP <561>		< 0.050	ppm
Aldrin & Dieldrin (sum)	USP <561>		< 0.050	ppm
Azinphos-ethyl	USP <561>		< 0.100	ppm
Azinphos-methyl	USP <561>		< 0.100	ppm
Bromophos-ethyl	USP <561>		< 0.050	ppm
Bromophos-methyl	USP <561>		< 0.050	ppm
Bromopropylate	USP <561>		< 0.100	ppm
Chlordane (sum of c,t,oxy)	USP <561>		< 0.050	ppm
Chlorfenvinphos	USP <561>		< 0.100	ppm
Chlorpyrifos-ethyl	USP <561>		< 0.100	ppm
Chlorpyrifos-methyl	USP <561>		< 0.100	ppm
Chlorthal-dimethyl	USP <561>		< 0.010	ppm
Cyfluthrin	USP <561>		< 0.100	ppm
Cyhalothrin, Lambda	USP <561>		< 0.100	ppm
Cypermethrin	USP <561>		< 0.100	ppm
DDT (sum of isomers)	USP <561>		< 0.100	ppm
Deltamethrin	USP <561>		< 0.100	ppm
Diazinon	USP <561>		< 0.100	ppm
Dichlofluanid	USP <561>		< 0.100	ppm
Dichlorvos	USP <561>		< 0.100	ppm
Dicofol	USP <561>		< 0.100	ppm
Dimethoate & Omethoate	USP <561>		< 0.100	ppm
Dithiocarbamates (CS2)	USP <561>		< 0.100	ppm
Endosulfans	USP <561>		< 0.100	ppm
Endrin	USP <561>		< 0.050	ppm
Ethion	USP <561>		< 0.100	ppm
Etrimphos	USP <561>		< 0.050	ppm
Fenchlorophos	USP <561>		< 0.100	ppm
Fenitrothion	USP <561>		< 0.100	ppm



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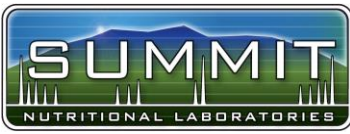
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Fenpropathrin	USP <561>	< 0.030	ppm
Fensulfothion	USP <561>	< 0.050	ppm
Fenthion	USP <561>	< 0.050	ppm
Fenvalerate	USP <561>	< 0.100	ppm
Flucythrinate	USP <561>	< 0.050	ppm
Fluvalinate, tau	USP <561>	< 0.050	ppm
Fonophos	USP <561>	< 0.050	ppm
Heptachlor	USP <561>	< 0.050	ppm
HexaChlorcyclohexanes	USP <561>	< 0.100	ppm
Hexachlorobenzene	USP <561>	< 0.100	ppm
Lindane (USP)	USP <561>	< 0.100	ppm
Malathion	USP <561>	< 0.100	ppm
Mecarbam	USP <561>	< 0.050	ppm
Methacriphos	USP <561>	< 0.050	ppm
Methamidophos	USP <561>	< 0.050	ppm
Methidathion	USP <561>	< 0.100	ppm
Methoxychlor	USP <561>	< 0.050	ppm
Mirex	USP <561>	< 0.010	ppm
Monocrotophos	USP <561>	< 0.100	ppm
Parathion-ethyl	USP <561>	< 0.100	ppm
Parathion-methyl	USP <561>	< 0.100	ppm
Pendimethalin	USP <561>	< 0.100	ppm
Petachloroanisol	USP <561>	< 0.010	ppm
Primiphos-ethyl	USP <561>	< 0.050	ppm
Primiphos-methyl	USP <561>	< 0.100	ppm
Procymidone	USP <561>	< 0.100	ppm
Profenophos	USP <561>	< 0.100	ppm
Prothiophos	USP <561>	< 0.050	ppm
Pyrethrins	USP <561>	< 0.100	ppm
Quinalphos	USP <561>	< 0.050	ppm
Pentachloronitrobenzene	USP <561>	< 0.100	ppm
S-421	USP <561>	< 0.020	ppm



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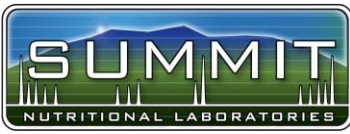
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Tecnezene	USP <561>	< 0.050	ppm
Tetradifon	USP <561>	< 0.100	ppm
Vinclozolin	USP <561>	< 0.100	ppm
Bromide	USP <561>	< 0.100	ppm



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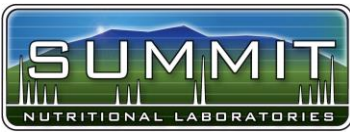
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Residual Solvent			
CLASS 1 RESIDUAL SOLVENTS	USP <467>		< 0.100
Benzene	USP <467>		< 2.000 ppm
Carbon Tetrachloride	USP <467>		< 4.000 ppm
1,2-Dichloroethane	USP <467>		< 5.000 ppm
1,1-Dichloroethene	USP <467>		< 8.000 ppm
1,1,1-Trichloroethane	USP <467>		< 1500.000 ppm
CLASS 2 RESIDUAL SOLVENTS	USP <467>		< 0.100
Acetonitrile	USP <467>		< 410.000 ppm
Chlorobenzene	USP <467>		< 360.000 ppm
Chloroform	USP <467>		< 60.000 ppm
Cyclohexane	USP <467>		< 3880.000 ppm
1,2-Dichloroethene	USP <467>		< 1870.000 ppm
1,2-Dimethoxyethane	USP <467>		< 100.000 ppm
1,4-Dioxane	USP <467>		< 380.000 ppm
Hexane	USP <467>		< 290.000 ppm
Methanol	USP <467>		< 3000.000 ppm
Methylbutylketone	USP <467>		< 50.000 ppm
Methylcyclohexane	USP <467>		< 1180.000 ppm
Methylene chloride	USP <467>		< 600.000 ppm
Nitromethane	USP <467>		< 50.000 ppm
Pyridine	USP <467>		< 200.000 ppm
Tetrahydrofuran	USP <467>		< 720.000 ppm
Tetralin	USP <467>		< 100.000 ppm
Toluene	USP <467>		< 890.000 ppm
Trichloroethylene	USP <467>		< 80.000 ppm
Xylene	USP <467>		< 2170.000 ppm
Cumene	USP <467>		< 70.000 ppm
CLASS 3 RESIDUAL SOLVENTS	USP <467>		< 0.100
Acetone	USP <467>		< 200.000 ppm
Anisole	USP <467>		< 200.000 ppm
1-Butanol	USP <467>		< 200.000 ppm



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2-Butanol	USP <467>	< 200.000	ppm
Acetic Acid	USP <467>	< 200.000	ppm
tert-Butylmethyl ether	USP <467>	< 200.000	ppm
Ethanol	USP <467>	< 200.000	ppm
Ethyl Acetate	USP <467>	< 200.000	ppm
Ethyl ether	USP <467>	< 200.000	ppm
Ethyl formate	USP <467>	< 200.000	ppm
Heptane	USP <467>	< 200.000	ppm
Isobutyl acetate	USP <467>	< 200.000	ppm
Isopropyl acetate	USP <467>	< 200.000	ppm
Methyl Acetate	USP <467>	< 200.000	ppm
3-methyl-1-butanol	USP <467>	< 200.000	ppm
Methylethylketone	USP <467>	< 200.000	ppm
Methylisobutylketone	USP <467>	< 200.000	ppm
2-Methyl-1-propanol	USP <467>	< 200.000	ppm
Pentane	USP <467>	< 200.000	ppm
Propyl acetate	USP <467>	< 200.000	ppm
Total Class 3 Residual Solvents	USP <467>	< 5000.000	ppm

Report Approved by: 
 Joel Nelson
 Laboratory Manager

*= Please review Client Specifications

Report Numbers that have been revised or amended will include a revision number.

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