

Certificate of Analysis
SPRITZIG™ SPARKLING WELLNESS WATER

Product Code: **SPRTZ12**

Lot Number: **HIH-HSM321**

Date Received for Testing: **5/4/2022**

Manufacture Date: **4/2022**


COA Date: **5/17/2022**

Best Use By Date: **4/2024**

Analysis	Specification	Result	Method
Description	Clear to opaque color carbonated beverage	Conforms	Visual
Sample Serving Size	355 mL	Conforms	Visual
Cannabinoid Potency	Cannabidiol (CBD): NLT 10 mg Tetrahydrocannabinol (THC): Not Detected* Other Cannabinoids ^a : < 1 mg	10.77 mg Not Detected 0.04 mg	HPLC
Heavy Metals	Arsenic (As): NMT 0.7 µg Cadmium (Cd): NMT 0.07 µg Mercury (Hg): NMT 0.4 µg Lead (Pb): NMT 0.5 µg	< 0.005 µg < 0.005 µg < 0.005 µg < 0.005 µg	ICP-MS
Pesticides	All Analytes ^b : Not Detected	Not Detected	GC-MS
Microbial Limits	Total Aerobic Plate Count: NMT 1,000 CFU/g Total Yeast & Mold: NMT 100 CFU/g Salmonella: Absent / 10g Staphylococcus aureus: Absent / 10g Pseudomonas aeruginosa: Absent / 10g	< 10 CFU/g < 10 CFU/g Absent Absent Absent	AOAC
Mycotoxins	All Analytes: Levels in Compliance	Pass	HPLC
Residual Solvents	All Analytes ^c : Levels in Compliance	Pass	USP <467>

* Limit of Detection = 2ppm

- a) For a complete list of all cannabinoids tested, please see Appendix A.
- b) For a complete list of all pesticides tested, please see Appendix B.
- c) For a complete list of all residual solvents tested, please see Appendix C.

Authorized By: 
 Dr. Andres Supersaxo
 Chief Scientific Officer

APPENDIX A
CANNABINOIDS TESTED

Cannabichromene (CBC)
Cannabidiol (CBD)
Cannabidiolic Acid (CBDA)
Cannabidivarin (CBDV)
Cannabigerol (CBG)

Cannabigerolic Acid (CBGA)
Cannabinol (CBN)
 Δ 9-Tetrahydrocannabinol
 Δ 8-Tetrahydrocannabinol
Tetrahydrocannabinolic Acid (THCA)
Tetrahydrocannabivarin (THCV)

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APPENDIX B
PESTICIDES TESTED

DDT	Endrin	Monocrotophos
Alachlor	Ethion	Omethoate
Aldin	Etrimphos	Paraoxon-ethyl
Azinphos-ethyl	Fenclorphos	Paraoxon
Azinphos-methyl	Fenitrothion	Parathion-methyl
Bromophos-ethyl	Fenpropathrin	Pendimethalin
Bromophos-methyl	Fensulfothion	Pentachloroanisole
Bromopropylate	Fenthion	Permethrin
Chlordane	Fenvalerate	Phosalone
Chlorfenvinphos	Flucythrinate	Phosmet
Chlorpyrifos	Fluvalinate-Tau	Piperonylbutoxide
Chlorpyrifos-methyl	Fonofos	Pirimiphos-ethyl
Chlorthal-dimethyl	Heptachlor	Pirimiphos-methyl
Cyfluthrin	Hexachlorobenzene	Procymidone
Cyhalothrin-Lambda	Hexachlorocyclohexane	Profenofos
Cypermethrin	Lindane	Prothiofos
Deltamethrin	Malaoxon	Pyrethrum
Diazinon	Malathion	Quinalphos
Dichlofluanid	Mecarbam	Quintozene
Dichlorvos	Mathacrifos	S-421
Dicofol	Methamidophos	Tecnazene
Dieldrin	Methidathion	Tetradifon
Dimethoate	Parathion-ethyl	Vinclozolin
Endosulfan	Mirex	

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APPENDIX C
RESIDUAL SOLVENTS TESTED

Methanol
Acetonitrile
Dichloromethane
Trans-2,3-Dichloroethene
Cis-1,2-Dichloroethene
Tetrahydrofuran
Cyclohexane
Methylcyclohexane

1,4-Dioxane
Toluene
Chlorobenzene
Ethylbenzene
m-Xylene
p-Xylene
o-Xylene
n-Hexane

Nitromethane
Chloroform
1,2-Dimethoxyethane
Trichloroethylene
Pyridine
2-Hexanone
Tetralin
Ethanol

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