

KCA Laboratories 232 North Plaza Drive Nicholasville, KY 40356

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1 of 6

### Island Zkittles

Sample ID: SA-220722-10724 Batch: 4320322 Received: 07/25/2022 Type: Finished Products Completed: 08/10/2022 Matrix: Concentrate - Distillate Unit Mass (g): Summary Test **Date Tested** Status 08/04/2022 Cannabinoids Tested 07/25/2022 Foreign Matter Tested Heavy Metals 07/27/2022 Tested Microbials 07/27/2022 Tested Mycotoxins 07/29/2022 Tested 07/29/2022 Pesticides Tested 08/10/2022 **Residual Solvents** Tested Not Tested Not Detected ND 52.3 % 95.4% Yes Total Cannabinoids Total ∆9-THC (6aR,9S,10aR)-HHC **Moisture Content** Foreign Matter Internal Standard Normalization Cannabinoids by HPLC-PDA, LC-MS/MS, and/or GC-MS/MS LOD Result LOO Result Analyte (%) (%) (%) (mg/g) CBC 0.0095 0.0284 ND ND CBCA 0.0181 0.0543 ND ND CBCV 0.006 0.018 ND ND CBD ND ND 0.008 0.0242 CBDA 0.0043 0.013 ND ND CBDV 0.0061 0.0182 ND ND CBDVA 0.0063 ND ND CBG 0.0057 0.0172 ND ND CBGA 0.0049 0.0147 ND ND CBL 0.0112 0.0335 ND ND CBLA 0.0371 ND ND 0.0124 CBN 0.0056 0.0169 0.128 1.28 CBNA 0.006 0.0181 ND ND CBT 0.018 0.054 ND ND A8-THC 0.0104 0.340 3.40 ∆9-THC 0.0076 ND ND Δ9-THCA 0.0084 0.0251 ND ND Δ9-THCV 0.0069 0.0206 ND ND ∆9-THCVA 0.0062 0.0186 ND ND (6aR,9R,10aR)-HHC 0.0067 0.02 42.6 426 523 (6aR,9S,10aR)-HHC 0.0067 523 Total ∆9-THC ND ND Total CBD ND ND Total 95.4 954

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit; Δ = Delta; Total Δ9-THC = Δ9-THCA \* 0.877 + Δ9-THC; Total CBD = CBDA \* 0.877 + CBD;

Generated By: Ryan Bellone Commercial Director Date: 08/10/2022

Tested By: Scott Caudill Senior Scientist Date: 08/04/2022



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2 of 6

#### **Island Zkittles**

Sample ID: SA-220722-10724 Batch: 4320322		eceived: 07/25/2022					
ype: Finished Products		ompleted: 08/10/2022					
Matrix: Concentrate - Distilla Jnit Mass (g):	Ite						
Heavy Metals by I	ICP-MS						
Heavy Metals by   Analyte	ICP-MS	LOQ (ppb)	Result (ppb)				
Analyte		LOQ (ppb) 20	Result (ppb)				
Analyte Arsenic							
		20	ND				

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit

Generated By: Ryan Bellone Commercial Director Date: 08/10/2022

Tested By: Nicholas Howard

ested By: Nicholas Howard Scientist Date: 07/27/2022



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3 of 6

#### Island Zkittles

Sample ID: SA-220722-10724 Batch: 4320322 Type: Finished Products Matrix: Concentrate - Distillate Unit Mass (g):

Received: 07/25/2022 Completed: 08/10/2022

# Pesticides by LC-MS/MS and GC-MS/MS

Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)
Acephate	30	100	ND	Hexythiazox	30	100	ND
Acetamiprid	30	100	ND	Imazalil	30	100	ND
Azoxystrobin	30	100	ND	Imidacloprid	30	100	ND
Bifenazate	30	100	ND	Kresoxim methyl	30	100	ND
Bifenthrin	30	100	ND	Malathion	30	100	ND
Boscalid	30	100	ND	Metalaxyl	30	100	ND
Carbaryl	30	100	ND	Methiocarb	30	100	ND
Carbofuran	30	100	ND	Methomyl	30	100	ND
Chloranthraniliprole	30	100	ND	Mevinphos	30	100	ND
Chlorfenapyr	30	100	ND	Myclobutanil	30	100	ND
Chlorpyrifos	30	100	ND	Naled	30	100	ND
Clofentezine	30	100	ND	Oxamyl	30	100	ND
Coumaphos	30	100	ND	Paclobutrazol	30	100	ND
Daminozide	30	100	ND	Permethrin	30	100	ND
Diazinon	30	100	ND	Phosmet	30	100	ND
Dichlorvos	30	100	ND	Piperonyl Butoxide	30	100	ND
Dimethoate	30	100	ND	Prallethrin	30	100	ND
Dimethomorph	30	100	ND	Propiconazole	30	100	ND
Ethoprophos	30	100	ND	Propoxur	30	100	ND
Etofenprox	30	100	ND	Pyrethrins	30	100	ND
Etoxazole	30	100	ND	Pyridaben	30	100	ND
Fenhexamid	30	100	ND	Spinetoram	30	100	ND
Fenoxycarb	30	100	ND	Spinosad	30	100	ND
Fenpyroximate	30	100	ND	Spirotetramat	30	100	ND
Fipronil	30	100	ND	Spiroxamine	30	100	ND
Flonicamid	30	100	ND	Tebuconazole	30	100	ND
Fludioxonil	30	100	ND	Thiacloprid	30	100	ND
				Thiamethoxam	30	100	ND
		$\times$ $\mid$ >	$\leq$	Trifloxystrobin	30	100	ND

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit

Generated By: Ryan Bellone Commercial Director Date: 08/10/2022

Suppos Testéd By: Jared Burkhart

Festéd By: Jared Burkhar Technical Manager Date: 07/29/2022



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4 of 6

### **Island Zkittles**

Sample ID: SA-220 Batch: 4320322	0722-10724	Received: 07/25/20	
Type: Finished Pro	oducts	Completed: 08/10/2	
Matrix: Concentrat		Completed: 00/10/2	2022
Unit Mass (g):			
Myootoving	by IC-MS/MS		
Mycotoxins	s by LC-MS/MS		
Mycotoxins Analyte	s by LC-MS/MS	LOQ (ppb)	Result (ppb)
-		LOQ (ppb)	Result (ppb)
Analyte		<b>LOQ (ppb)</b> 5 5	
Analyte B1		LOQ (ppb) 5 5 5 5	ND
Analyte B1 B2		LOQ (ppb) 5 5 5 5 5 5	ND ND

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit

Generated By: Ryan Bellone Commercial Director Date: 08/10/2022

Bullion

Testéd By: Jared Burkhart Technical Manager Date: 07/29/2022



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5 of 6

## **Island Zkittles**

Sample ID: SA-220722-10724 Batch: 4320322 Type: Finished Products Matrix: Concentrate - Distillate Jnit Mass (g):	Received: 07/25/ Completed: 08/10	
Microbials by PCR and Plat		Result (CFU/g)
Microbials by PCR and Plat Analyte Total aerobic count	LOD (CFU/g)	Result (CFU/g)
Analyte		
Analyte Total aerobic count Total coliforms		ND
Analyte Total aerobic count		ND ND

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; CFU = Colony Forming Units; P = Pass; F = Fail; RL = Reporting Limit

Generated By: Ryan Bellone Commercial Director Date: 08/10/2022

Tested By: Lucy Jones Senior Laboratory Technician



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6 of 6

#### Island Zkittles

Sample ID: SA-220722-10724 Batch: 4320322 Type: Finished Products Matrix: Concentrate - Distillate Unit Mass (g):

Received: 07/25/2022 Completed: 08/10/2022

# **Residual Solvents by HS-GC-MS/MS**

Action       (ppm)       (ppm) <t< th=""><th>Analyte</th><th>LOD</th><th>LOQ</th><th>Result</th><th>Analyte</th><th>LOD</th><th>LOQ</th><th>Result</th></t<>	Analyte	LOD	LOQ	Result	Analyte	LOD	LOQ	Result
Acetonitrile       14       41       ND       Ethylene Oxide       0.5       1       ND         Benzene       0.5       1       ND       Heptane       167       500       ND         Butane       167       500       ND       n-Hexane       10       29       ND         1-Butanol       167       500       ND       Isobutane       167       500       ND         2-Butanol       167       500       ND       Isobutane       167       500       ND         2-Butanol       167       500       ND       Isopropyl Acetate       167       500       ND         2-Butanone       167       500       ND       Isopropyl Acetate       167       500       ND         2-Butanone       167       500       ND       Isopropyl Acetate       167       500       ND         Chloroform       2       6       ND       Isopropyl Bozene       167       500       ND         1,2-Dichloroethane       0.5       1       ND       2-Methylbutane       10       29       ND         1,2-Dimethoxyethane </th <th>Analyte</th> <th>(ppm)</th> <th>(ppm)</th> <th>(ppm)</th> <th></th> <th>(ppm)</th> <th>(ppm)</th> <th>(ppm)</th>	Analyte	(ppm)	(ppm)	(ppm)		(ppm)	(ppm)	(ppm)
Benzene       0.5       1       ND       Heptane       167       500       ND         Butane       167       500       ND       n-Hexane       10       29       ND         1-Butanol       167       500       ND       Isobutane       167       500       ND         2-Butanol       167       500       ND       Isobutane       167       500       ND         2-Butanol       167       500       ND       Isopropyl Acetate       167       500       ND         2-Butanol       167       500       ND       Isopropyl Acetate       167       500       ND         2-Butanone       167       500       ND       Isopropyl Acetate       167       500       ND         2-Butanone       167       500       ND       Isopropyl Acetate       167       500       ND         Cyclohexane       129       388       ND       Methanol       100       300       ND         1,2-Dichoroethane       0.5       1       ND       2-Methylbutane       10       29       ND         1,2-DimethylSulfoxide	Acetone	167	500	ND	Ethylene Glycol	21	62	ND
Butane167500NDn-Hexane1029ND1-Butanol167500NDIsobutane167500ND2-Butanol167500NDIsopropyl Acetate167500ND2-Butanone167500NDIsopropyl Acetate167500ND2-Butanone167500NDIsopropyl Acetate167500NDChloroform26NDIsopropyl Acetate167500NDCyclohexane129388NDMethanol100300ND1,2-Dichloroethane0.51ND2-Methylbutane1029ND1,2-Dimethoxyethane410NDMethylene Chloride2060NDDimethyl Sulfoxide167500ND2-Methylpentane1029ND2,2-Dimethylbutane1029ND3-Methylpentane1029ND2,3-Dimethylbutane1029ND1-Pentanol167500ND2,3-Dimethylbutane1029ND1-Pentanol167500ND	Acetonitrile	14	41	ND	Ethylene Oxide	0.5	1	ND
1-Butanol167500NDIsobutane167500ND2-Butanol167500NDIsopropyl Acetate167500ND2-Butanone167500NDIsopropyl Alcohol167500ND2-Butanone167500NDIsopropyl Alcohol167500NDChloroform26NDIsopropyl Benzene167500NDCyclohexane129388NDMethanol100300ND1,2-Dichloroethane0.51ND2-Methylbutane1029ND1,2-Dimethoxyethane410NDMethylene Chloride2060NDDimethyl Sulfoxide167500ND2-Methylpentane1029ND2,2-Dimethylbutane1029ND3-Methylpentane1029ND2,2-Dimethylbutane1029ND1-Pentanol167500ND2,3-Dimethylbutane1029ND1-Pentanol167500ND	Benzene	0.5	1	ND	Heptane	167	500	ND
2-Butanol167500NDIsopropyl Acetate167500ND2-Butanone167500NDIsopropyl Alcohol167500NDChloroform26NDIsopropyl Benzene167500NDCyclohexane129388NDMethanol100300ND1,2-Dichloroethane0.51ND2-Methylbutane1029ND1,2-Dimethoxyethane410NDMethylene Chloride2060NDDimethyl Sulfoxide167500ND2-Methylpentane1029ND2,2-Dimethylbutane1029ND3-Methylpentane1029ND2,2-Dimethylbutane1029ND1-Pentanol167500ND2,3-Dimethylbutane1029ND1-Pentanol167500ND	Butane	167	500	ND	n-Hexane	10	29	ND
2-Butanone167500NDIsopropyl Alcohol167500NDChloroform26NDIsopropylbenzene167500NDCyclohexane129388NDMethanol100300ND1,2-Dichloroethane0.51ND2-Methylbutane1029ND1,2-Dimethoxyethane410NDMethylene Chloride2060NDDimethyl Sulfoxide167500ND2-Methylpentane1029NDN,N-Dimethylacetamide37109ND3-Methylpentane1029ND2,2-Dimethylbutane1029NDn-Pentane167500ND2,3-Dimethylbutane1029ND1-Pentanol167500ND	1-Butanol	167	500	ND	Isobutane	167	500	ND
Chloroform26NDIsopropylbenzene167500NDCyclohexane129388NDMethanol100300ND1,2-Dichloroethane0.51ND2-Methylbutane1029ND1,2-Dimethoxyethane410NDMethylene Chloride2060NDDimethyl Sulfoxide167500ND2-Methylpentane1029NDN,N-Dimethylacetamide37109ND3-Methylpentane1029ND2,2-Dimethylbutane1029NDn-Pentane167500ND2,3-Dimethylbutane1029ND1-Pentanol167500ND	2-Butanol	167	500	ND	Isopropyl Acetate	167	500	ND
Cyclohexane129388NDMethanol100300ND1,2-Dichloroethane0.51ND2-Methylbutane1029ND1,2-Dimethoxyethane410NDMethylene Chloride2060NDDimethyl Sulfoxide167500ND2-Methylpentane1029NDN,N-Dimethylacetamide37109ND3-Methylpentane1029ND2,2-Dimethylbutane1029NDn-Pentane167500ND2,3-Dimethylbutane1029ND1-Pentanol167500ND	2-Butanone	167	500	ND	Isopropyl Alcohol	167	500	ND
1,2-Dichloroethane0.51ND2-Methylbutane1029ND1,2-Dimethoxyethane410NDMethylene Chloride2060NDDimethyl Sulfoxide167500ND2-Methylpentane1029NDN,N-Dimethylacetamide37109ND3-Methylpentane1029ND2,2-Dimethylbutane1029NDn-Pentane167500ND2,3-Dimethylbutane1029ND1-Pentanol167500ND	Chloroform	2	6	ND	Isopropylbenzene	167	500	ND
1,2-Dimethoxyethane410NDMethylene Chloride2060NDDimethyl Sulfoxide167500ND2-Methylpentane1029NDN,N-Dimethylacetamide37109ND3-Methylpentane1029ND2,2-Dimethylbutane1029NDn-Pentane167500ND2,3-Dimethylbutane1029ND1-Pentanol167500ND	Cyclohexane	129	388	ND	Methanol	100	300	ND
Dimethyl Sulfoxide167500ND2-Methylpentane1029NDN,N-Dimethylacetamide37109ND3-Methylpentane1029ND2,2-Dimethylbutane1029NDn-Pentane167500ND2,3-Dimethylbutane1029ND1-Pentanol167500ND	1,2-Dichloroethane	0.5	1	ND	2-Methylbutane	10	29	ND
N,N-Dimethylacetamide37109ND3-Methylpentane1029ND2,2-Dimethylbutane1029NDn-Pentane167500ND2,3-Dimethylbutane1029ND1-Pentanol167500ND	1,2-Dimethoxyethane	4	10	ND	Methylene Chloride	20	60	ND
2,2-Dimethylbutane1029NDn-Pentane167500ND2,3-Dimethylbutane1029ND1-Pentanol167500ND	Dimethyl Sulfoxide	167	500	ND	2-Methylpentane	10	29	ND
2,3-Dimethylbutane       10       29       ND       1-Pentanol       167       500       ND	N,N-Dimethylacetamide	37	109	ND	3-Methylpentane	10	29	ND
	2,2-Dimethylbutane	10	29	ND	n-Pentane	167	500	ND
N,N-Dimethylformamide 30 88 ND n-Propane 167 500 ND	2,3-Dimethylbutane	10	29	ND	1-Pentanol	167	500	ND
	N,N-Dimethylformamide	30	88	ND	n-Propane	167	500	ND
2,2-Dimethylpropane 167 500 ND 1-Propanol 167 500 ND	2,2-Dimethylpropane	167	500	ND	1-Propanol	167	500	ND
1,4-Dioxane 13 38 ND Pyridine 7 20 ND	1,4-Dioxane	13	38	ND	Pyridine	7	20	ND
Ethanol 167 500 ND Tetrahydrofuran 24 72 ND	Ethanol	167	500	ND	Tetrahydrofuran	24	72	ND
2-Ethoxyethanol 6 16 ND Toluene 30 89 ND	2-Ethoxyethanol	6	16	ND	Toluene	30	89	ND
Ethyl Acetate167500NDTrichloroethylene38ND	Ethyl Acetate	167	500	ND	Trichloroethylene	3	8	ND
Ethyl Ether 167 500 ND Tetramethylene Sulfone 6 16 ND	Ethyl Ether	167	500	ND	Tetramethylene Sulfone	6	16	ND
Ethylbenzene37NDXylenes (o-, m-, and p-)73217ND	Ethylbenzene	3	7	ND	Xylenes (o-, m-, and p-)	73	217	ND

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Generated By: Ryan Bellone Commercial Director Date: 08/10/2022

Tested By: Scott Caudill Senior Scientist Date: 08/10/2022



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