

Eurofins Microbiology Laboratories - Atlanta

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Bear Lake Coffee Company, LLC

**Client Code:** QK0000282

**PO#:** CarlosPolas-SanAntonio-Pacas-ES21-1  
 004

## ANALYTICAL REPORT

AR-22-QK-001515-01

**Received On:** 06Jan2022

**Reported On:** 18Jan2022

<b>Eurofins Sample Code:</b> 395-2022-01060105	<b>Sample Registration Date:</b> 06Jan2022
<b>Client Sample Code:</b> CarlosPolas-SanAntonio-Pacas-ES21-1004	<b>Condition Upon Receipt:</b> acceptable, 18.6°C
<b>Sample Description:</b> Date: 01.05.2022 Amount: 1 LB of Specialty Coffee Farmer: Carlos Polas @ San Antonio Lot: E21-1004 Process: Anaerobic Natural	<b>Sample Reference:</b> Carlos Polas - E21-1004 Anaerobic Natural

<b>FS001 - Heavy Metals (As, Cd, Hg, and Pb)</b>	<b>Reference</b> AOAC 2011.19 and 993.14 (modified)	<b>Accreditation</b> ISO/IEC 17025:2017 A2LA 2918.01	<b>Completed</b> 14Jan2022	<b>Sub</b> 3
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Parameter	Result
Arsenic	<10.0 ppb
Cadmium	<5.00 ppb
Lead	<5.00 ppb
Mercury	<5.00 ppb

<b>FS07R - Copper</b>	<b>Reference</b> AOAC 984.27 (mod), 985.01 (mod), 2011.14 (mod)		<b>Completed</b> 14Jan2022	<b>Sub</b> 3
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Parameter	Result
Copper	13.2 ppm

<b>FS0FY - Acrylamide</b>	<b>Reference</b> European Standard EN 16618:2015 (Modified)	<b>Accreditation</b> ISO/IEC 17025:2017 A2LA 2918.01	<b>Completed</b> 14Jan2022	<b>Sub</b> 3
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Parameter	Result
Acrylamide	220 µg/kg

<b>FSMRB - Mycotoxins</b>	<b>Reference</b> Anal.Bioanal.Chem. (2012) 402:2675-2686	<b>Accreditation</b> ISO/IEC 17025:2017 A2LA 2918.01	<b>Completed</b> 14Jan2022	<b>Sub</b> 3
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Parameter	Result
Aflatoxin B1	<0.500 ppb
Aflatoxin B2	<0.500 ppb
Aflatoxin G1	<0.500 ppb

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FSMRB - Mycotoxins	Reference	Accreditation	Completed	Sub
	Anal.Bioanal.Chem. (2012) 402:2675-2686	ISO/IEC 17025:2017 A2LA 2918.01	14Jan2022	3

Parameter	Result
Aflatoxin G2	<0.500 ppb
Aflatoxin M1	<0.500 ppb
Aflatoxin M2	<0.500 ppb
Deoxynivalenol	<100 ppb
Fumonisin B1	<25.0 ppb
Fumonisin B2	<25.0 ppb
HT-2 Toxin	<100 ppb
Ochratoxin A	<1.00 ppb
T-2 Toxin	<10.0 ppb
Zearalenone	<30.0 ppb

GU109 - Gluten - Wheat, Rye, & Barley (ELISA)	Reference	Accreditation	Completed	Sub
	SENSISpec INgezim Gluten 30.GLU.K2:2020-10	ISO/IEC 17025:2017 A2LA 1940.01	11Jan2022	1

Parameter	Result
Gluten Allergen (ELISA) - Wheat, Rye, & Barley	<3.0 ppm

QA0N7 - Pesticides in Coffee (Global MRLs, GC-MSMS)	Reference	Completed	Sub
	AOAC 2007.01	14Jan2022	2

Parameter	Result
2-Phenylphenol	<0.01 mg/kg
Acephate	<0.01 mg/kg
Acetochlor	<0.01 mg/kg
Aclonifen	<0.01 mg/kg
Acrinathrin	<0.01 mg/kg
Aldrin	<0.01 mg/kg
Amisulbrom	<0.01 mg/kg
Atrazine	<0.01 mg/kg
Azinphos-ethyl	<0.01 mg/kg
Azinphos-methyl	<0.01 mg/kg
Benalaxyl including other mixtures of constituent	<0.01 mg/kg
Benfluralin	<0.01 mg/kg

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QA0N7 - Pesticides in Coffee (Global MRLs, GC-MSMS)	Reference AOAC 2007.01	Completed 14Jan2022	Sub 2
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Parameter	Result
Bifenox	<0.01 mg/kg
Bifenthrin	<0.01 mg/kg
Biphenyl	<0.01 mg/kg
Bromophos-ethyl	<0.01 mg/kg
Bromophos-methyl	<0.01 mg/kg
Bromopropylate	<0.01 mg/kg
Butylate	<0.01 mg/kg
Cadusafos	<0.01 mg/kg
Captafol	<0.02 mg/kg
Captan	<0.02 mg/kg
Carbetamide	<0.01 mg/kg
Chlorbufam	<0.01 mg/kg
Chlordane, cis-	<0.01 mg/kg
Chlordane, trans-	<0.01 mg/kg
Chlorfenapyr	<0.01 mg/kg
Chlorfenson	<0.01 mg/kg
Chlorobenzilate	<0.01 mg/kg
Chlorothalonil	<0.01 mg/kg
Chlorpropham	<0.01 mg/kg
Chlorpyrifos (-ethyl)	0.01 mg/kg
Chlorpyrifos-methyl	<0.01 mg/kg
Chlozolate	<0.01 mg/kg
Cyfluthrin	<0.01 mg/kg
Cyhalofop-butyl	<0.01 mg/kg
Cyhalothrin, lambda-(incl. Cyhalothrin, gamma-	<0.01 mg/kg
Cypermethrin	<0.01 mg/kg
Dacthal (DCPA)	<0.01 mg/kg
DDD, o,p-	<0.01 mg/kg
DDD, p,p'-	<0.01 mg/kg
DDE, o,p-	<0.01 mg/kg
DDE, p,p'-	<0.01 mg/kg
DDT, o,p'-	<0.01 mg/kg

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QA0N7 - Pesticides in Coffee (Global MRLs, GC-MSMS)	Reference AOAC 2007.01	Completed 14Jan2022	Sub 2
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Parameter	Result
DDT, p,p'-	<0.01 mg/kg
Deltamethrin	<0.01 mg/kg
Demeton-S	<0.01 mg/kg
Diallate	<0.01 mg/kg
Dichlobenil	<0.01 mg/kg
Dichlorvos	<0.01 mg/kg
Diclofop-methyl	<0.01 mg/kg
Dicloran	<0.01 mg/kg
Dicofol, p,p'-	<0.01 mg/kg
Dieldrin	<0.01 mg/kg
Diflufenican	<0.01 mg/kg
Dimethachlor	<0.01 mg/kg
Dimethenamid including other mixtures of constitue	<0.01 mg/kg
Dimoxystrobin	<0.01 mg/kg
Dioxathion	<0.01 mg/kg
Diphenylamine	<0.01 mg/kg
Disulfoton	<0.01 mg/kg
Endosulfan sulphate	<0.01 mg/kg
Endosulfan, alpha-	<0.01 mg/kg
Endosulfan, beta-	<0.01 mg/kg
Endrin	<0.01 mg/kg
Endrin ketone	<0.01 mg/kg
Endrin-aldehyde	<0.01 mg/kg
EPTC	<0.01 mg/kg
Esfenvalerate	<0.01 mg/kg
Ethalfuralin	<0.01 mg/kg
Ethion	<0.01 mg/kg
Ethoprophos	<0.01 mg/kg
Ethoxyquin	<0.01 mg/kg
Etoxazole	<0.01 mg/kg
Etridiazole	<0.01 mg/kg
Famoxadone	<0.01 mg/kg

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QA0N7 - Pesticides in Coffee (Global MRLs, GC-MSMS)	Reference AOAC 2007.01	Completed 14Jan2022	Sub 2
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Parameter	Result
Fenamidone	<0.01 mg/kg
Fenchlorphos	<0.01 mg/kg
Fenitrothion	<0.01 mg/kg
Fenoxaprop-p-ethyl	<0.01 mg/kg
Fenpropathrin	<0.01 mg/kg
Fenthion	<0.01 mg/kg
Fenvalerate	<0.01 mg/kg
Fluazifop-P-butyl	<0.01 mg/kg
Flucythrinate	<0.01 mg/kg
Fluensulfone	<0.01 mg/kg
Flumetralin	<0.01 mg/kg
Flumioxazin	<0.01 mg/kg
Fluquinconazole	<0.01 mg/kg
Flutolanil	<0.01 mg/kg
Flutriafol	<0.01 mg/kg
Fluvalinate (sum of isomers)	<0.01 mg/kg
Folpet	<0.01 mg/kg
Formothion	<0.01 mg/kg
Gamma-cyhalothrin	<0.01 mg/kg
HCH, alpha-	<0.01 mg/kg
HCH, beta-	<0.01 mg/kg
Heptachlor	<0.01 mg/kg
Heptachlor epoxide	<0.01 mg/kg
Hexachlorobenzene (HCB)	<0.01 mg/kg
Ipconazole	<0.01 mg/kg
Iprodione	<0.01 mg/kg
Isoprothiolane	<0.01 mg/kg
Lactofen	<0.01 mg/kg
Lenacil	<0.01 mg/kg
Lindane (gamma-HCH)	<0.01 mg/kg
Malathion	<0.01 mg/kg
Mepronil	<0.01 mg/kg

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QA0N7 - Pesticides in Coffee (Global MRLs, GC-MSMS)	Reference AOAC 2007.01	Completed 14Jan2022	Sub 2
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Parameter	Result
Metazachlor	<0.01 mg/kg
Methacrifos	<0.01 mg/kg
Methamidophos	<0.01 mg/kg
Methoxychlor	<0.01 mg/kg
Mevinphos	<0.01 mg/kg
Monocrotophos	<0.01 mg/kg
Napropamide	<0.01 mg/kg
Nitrofen	<0.01 mg/kg
Omethoate	<0.01 mg/kg
Oxyfluorfen	<0.01 mg/kg
Paclobutrazol	<0.01 mg/kg
Paraoxon-ethyl	<0.01 mg/kg
Parathion-ethyl	<0.01 mg/kg
Parathion-methyl	<0.01 mg/kg
Pentachloronitrobenzene (PCNB)	<0.01 mg/kg
Penthiopyrad	<0.01 mg/kg
Permethrin	<0.01 mg/kg
Phorate	<0.01 mg/kg
Phosmet	<0.01 mg/kg
Phosphamidon	<0.01 mg/kg
Picolinafen	<0.01 mg/kg
Picoxystrobin	<0.01 mg/kg
Procymidone	<0.01 mg/kg
Profenofos	<0.01 mg/kg
Propachlor	<0.01 mg/kg
Propyzamide	<0.01 mg/kg
Prothioconazole	<0.01 mg/kg
Pyraflufen-ethyl	<0.01 mg/kg
Pyrazophos	<0.01 mg/kg
Pyridalyl	<0.01 mg/kg
Quinalphos	<0.01 mg/kg
Quizalofop-P-ethyl	<0.01 mg/kg

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QA0N7 - Pesticides in Coffee (Global MRLs, GC-MSMS)	Reference AOAC 2007.01	Completed 14Jan2022	Sub 2
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Parameter	Result
Resmethrin	<0.01 mg/kg
Silthiofam	<0.01 mg/kg
Simazine	<0.01 mg/kg
Tecnazene	<0.01 mg/kg
Tefluthrin	<0.01 mg/kg
Terbutylazine	<0.01 mg/kg
Tetradifon	<0.01 mg/kg
Thifluzamide	<0.01 mg/kg
Tolclofos-methyl	<0.01 mg/kg
Tolyfluanid	<0.01 mg/kg
Triazophos	<0.01 mg/kg
Trichlorfon	<0.01 mg/kg
Trifluralin	<0.01 mg/kg
Triticonazole	<0.01 mg/kg
Valifenalate	<0.01 mg/kg
Vinclozolin	<0.01 mg/kg

QA748 - Glyphosate (LC-MSMS)	Reference J. Agric. Food Chem. 2004, 52, 4057-4063	Accreditation ISO/IEC 17025:2017 A2LA 2993.01	Completed 14Jan2022	Sub 2
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Parameter	Result
Glyphosate	<0.01 mg/kg

UMLE4 - Yeast - FDA BAM Chapter 18 mod.	Reference FDA BAM Chapter 18 mod.	Accreditation ISO/IEC 17025:2017 A2LA 3329.06	Completed 11Jan2022
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Parameter	Result
Yeast	< 10 cfu/g

Parameter	Result
Moulds	< 10 cfu/g

Subcontracting partners:

- 1 - Eurofins GeneScan, LA
- 2 - Eurofins Central Analytical Laboratories, LA
- 3 - Eurofins Food Chemistry Testing US Madison, WI

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Respectfully Submitted,



Chantale Johnson  
Business Unit Manager

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