

Customer: Fun Guy
 129 Hurricane St
 Venice California 90292
 United States of America (USA)

Sample ID: Flow Chocolate
Sample Matrix: Chocolate
Laboratory ID: 25-011006-0004-00
Evidence of Cooling: Yes
Temp: 23.1 °C

Sample Results

Metals

Heavy Metals Profile A

Analyte	Result	Units	LOQ	Analyzed	Method	Notes
Arsenic	< LOQ	mg/kg	0.0194	09/19/25	AOAC 2013.06 (mod.) ^b	
Cadmium	0.169	mg/kg	0.0194	09/19/25	AOAC 2013.06 (mod.) ^b	
Lead	0.0315	mg/kg	0.0194	09/19/25	AOAC 2013.06 (mod.) ^b	
Mercury	< LOQ	mg/kg	0.00970	09/19/25	AOAC 2013.06 (mod.) ^b	

Microbiology

Analyte	Result	Units	LOQ	Analyzed	Method	Notes
Aerobic Plate Count	11,700	cfu/g	100	09/20/25	AOAC 990.12 (Petrifilm) ^p	
Listeria monocytogenes	Negative	/25g		09/19/25	AOAC 2019.11 ^b	
Salmonella spp.	Negative	/25g		09/19/25	AOAC 2020.02 ^b	

Yeast and Mold

Analyte	Result	Units	LOQ	Analyzed	Method	Notes
Mold (RAPID Petrifilm)	< LOQ	cfu/g	10	09/21/25	AOAC 2014.05 (RAPID) ^p	
Yeast (RAPID Petrifilm)	< LOQ	cfu/g	10	09/21/25	AOAC 2014.05 (RAPID) ^p	

Mycotoxins

Mycotoxins

Analyte	Result	Units	LOQ	Analyzed	Method	Notes
Aflatoxin B1	< LOQ	µg/kg	0.830	09/22/25	Mycotoxins by AOAC 2007.01 ^b	
Aflatoxin B2	< LOQ	µg/kg	0.830	09/22/25	Mycotoxins by AOAC 2007.01 ^b	
Aflatoxin G1	< LOQ	µg/kg	0.830	09/22/25	Mycotoxins by AOAC 2007.01 ^b	
Aflatoxin G2	< LOQ	µg/kg	0.830	09/22/25	Mycotoxins by AOAC 2007.01 ^b	
Deoxynivalenol	< LOQ	µg/kg	33.3	09/22/25	Mycotoxins by AOAC 2007.01 ^b	
Fumonisin B1	< LOQ	µg/kg	33.3	09/22/25	Mycotoxins by AOAC 2007.01 ^b	
Fumonisin B2	< LOQ	µg/kg	33.3	09/22/25	Mycotoxins by AOAC 2007.01 ^b	
HT2-Toxin	< LOQ	µg/kg	6.67	09/22/25	Mycotoxins by AOAC 2007.01 ^b	
Ochratoxin A	< LOQ	µg/kg	0.830	09/22/25	Mycotoxins by AOAC 2007.01 ^b	
Ochratoxin B	< LOQ	µg/kg	0.330	09/22/25	Mycotoxins by AOAC 2007.01 ^b	
T2-Toxin	< LOQ	µg/kg	3.33	09/22/25	Mycotoxins by AOAC 2007.01 ^b	

Mycotoxins

Mycotoxins

Analyte	Result	Units	LOQ	Analyzed	Method	Notes
Total Aflatoxins	< LOQ	µg/kg	3.32	09/23/25	Mycotoxins by AOAC 2007.01 ^b	
Zearalenone	< LOQ	µg/kg	33.3	09/22/25	Mycotoxins by AOAC 2007.01 ^b	

Pesticides

P2220 Multi-Residue Pesticide Profile

Analyte	Result	Units	LOQ	Analyzed	Method	Notes
Multi-Residue Pesticide Profile	< LOQ for all analytes	mg/kg	0.000	09/22/25	AOAC 2007.01 ^b	

Solvents

Residual Solvents (Comprehensive)

Analyte	Result	Units	LOQ	Analyzed	Method	Notes
1-Butanol	< LOQ	µg/g	500	09/19/25	Residual Solvents by HS-GC-MS	
1-Pentanol	< LOQ	µg/g	500	09/19/25	Residual Solvents by HS-GC-MS	
1,1-Dichloroethane	< LOQ	µg/g	1.00	09/19/25	Residual Solvents by HS-GC-MS	
1,1-Dichloroethene	< LOQ	µg/g	1.00	09/19/25	Residual Solvents by HS-GC-MS	
1,1,1-Trichloroethane	< LOQ	µg/g	1.00	09/19/25	Residual Solvents by HS-GC-MS	
1,2-Dichloroethane	< LOQ	µg/g	1.00	09/19/25	Residual Solvents by HS-GC-MS	
1,2-Dimethoxyethane	< LOQ	µg/g	50	09/19/25	Residual Solvents by HS-GC-MS	
1,4-Dioxane	< LOQ	µg/g	100	09/19/25	Residual Solvents by HS-GC-MS	
2-Butanol	< LOQ	µg/g	200	09/19/25	Residual Solvents by HS-GC-MS	
2-Ethoxyethanol	< LOQ	µg/g	30.0	09/19/25	Residual Solvents by HS-GC-MS	
2-methyl-1-propanol	< LOQ	µg/g	500	09/19/25	Residual Solvents by HS-GC-MS	
2-Methylbutane (Isopentane)	< LOQ	µg/g	200	09/19/25	Residual Solvents by HS-GC-MS	
2-Methylpentane	< LOQ	µg/g	30.0	09/19/25	Residual Solvents by HS-GC-MS	
2-Propanol (IPA)	< LOQ	µg/g	200	09/19/25	Residual Solvents by HS-GC-MS	
2,2-Dimethylbutane	< LOQ	µg/g	30.0	09/19/25	Residual Solvents by HS-GC-MS	
2,2-Dimethylpropane (neo-pentane)	< LOQ	µg/g	200	09/19/25	Residual Solvents by HS-GC-MS	
2,3-Dimethylbutane	< LOQ	µg/g	30.0	09/19/25	Residual Solvents by HS-GC-MS	
3-Methyl-(1)-Butanol	< LOQ	µg/g	500	09/19/25	Residual Solvents by HS-GC-MS	
3-Methylpentane	< LOQ	µg/g	30.0	09/19/25	Residual Solvents by HS-GC-MS	
Acetone	< LOQ	µg/g	200	09/19/25	Residual Solvents by HS-GC-MS	
Acetonitrile	< LOQ	µg/g	100	09/19/25	Residual Solvents by HS-GC-MS	
Anisole	< LOQ	µg/g	500	09/19/25	Residual Solvents by HS-GC-MS	
Benzene	< LOQ	µg/g	1.00	09/19/25	Residual Solvents by HS-GC-MS	
Butanes (sum)	< LOQ	µg/g	400	09/23/25	Residual Solvents by HS-GC-MS	
Butyl acetate	< LOQ	µg/g	500	09/19/25	Residual Solvents by HS-GC-MS	
Carbon Tetrachloride	< LOQ	µg/g	1.00	09/19/25	Residual Solvents by HS-GC-MS	
Chlorobenzene	< LOQ	µg/g	1.00	09/19/25	Residual Solvents by HS-GC-MS	
Chloroform	< LOQ	µg/g	1.00	09/19/25	Residual Solvents by HS-GC-MS	
cis-1,2-Dichloroethene	< LOQ	µg/g	1.00	09/19/25	Residual Solvents by HS-GC-MS	
Cyclohexane	< LOQ	µg/g	200	09/19/25	Residual Solvents by HS-GC-MS	
DMSO	< LOQ	µg/g	500	09/19/25	Residual Solvents by HS-GC-MS	

Solvents

Residual Solvents (Comprehensive)

Analyte	Result	Units	LOQ	Analyzed	Method	Notes
Ethanol	< LOQ	µg/g	200	09/19/25	Residual Solvents by HS-GC-MS	
Ethyl acetate	< LOQ	µg/g	200	09/19/25	Residual Solvents by HS-GC-MS	
Ethyl benzene	< LOQ	µg/g	200	09/19/25	Residual Solvents by HS-GC-MS	
Ethyl ether	< LOQ	µg/g	200	09/19/25	Residual Solvents by HS-GC-MS	
Ethyl Formate	< LOQ	µg/g	500	09/19/25	Residual Solvents by HS-GC-MS	
Ethylene glycol	< LOQ	µg/g	200	09/19/25	Residual Solvents by HS-GC-MS	
Ethylene oxide	< LOQ	µg/g	1.00	09/19/25	Residual Solvents by HS-GC-MS	
Hexanes (sum)	< LOQ	µg/g	150	09/23/25	Residual Solvents by HS-GC-MS	
Isobutyl acetate	< LOQ	µg/g	500	09/19/25	Residual Solvents by HS-GC-MS	
Isopropyl acetate	< LOQ	µg/g	200	09/19/25	Residual Solvents by HS-GC-MS	
Isopropylbenzene (Cumene)	< LOQ	µg/g	30.0	09/19/25	Residual Solvents by HS-GC-MS	
m,p-Xylene	< LOQ	µg/g	200	09/19/25	Residual Solvents by HS-GC-MS	
Methanol	< LOQ	µg/g	200	09/19/25	Residual Solvents by HS-GC-MS	
Methyl-t-butyl ether	< LOQ	µg/g	500	09/19/25	Residual Solvents by HS-GC-MS	
Methylacetate	< LOQ	µg/g	500	09/19/25	Residual Solvents by HS-GC-MS	
Methylene chloride	< LOQ	µg/g	1.00	09/19/25	Residual Solvents by HS-GC-MS	
Methylethylketone	< LOQ	µg/g	500	09/19/25	Residual Solvents by HS-GC-MS	
Methylisobutylketone	< LOQ	µg/g	500	09/19/25	Residual Solvents by HS-GC-MS	
Methylpropane (Isobutane)	< LOQ	µg/g	200	09/19/25	Residual Solvents by HS-GC-MS	
n-Butane	< LOQ	µg/g	200	09/19/25	Residual Solvents by HS-GC-MS	
n-Heptane	< LOQ	µg/g	200	09/19/25	Residual Solvents by HS-GC-MS	
n-Hexane	< LOQ	µg/g	30.0	09/19/25	Residual Solvents by HS-GC-MS	
n-Pentane	< LOQ	µg/g	200	09/19/25	Residual Solvents by HS-GC-MS	
n-Propanol	< LOQ	µg/g	500	09/19/25	Residual Solvents by HS-GC-MS	
N,N-dimethylacetamide	< LOQ	µg/g	200	09/19/25	Residual Solvents by HS-GC-MS	
N,N-dimethylformamide	< LOQ	µg/g	200	09/19/25	Residual Solvents by HS-GC-MS	
o-Xylene	< LOQ	µg/g	200	09/19/25	Residual Solvents by HS-GC-MS	
Pentanes (sum)	< LOQ	µg/g	600	09/23/25	Residual Solvents by HS-GC-MS	
Propane	< LOQ	µg/g	200	09/19/25	Residual Solvents by HS-GC-MS	
Propyl Acetate	< LOQ	µg/g	500	09/19/25	Residual Solvents by HS-GC-MS	
Pyridine	< LOQ	µg/g	50	09/19/25	Residual Solvents by HS-GC-MS	
Sulfolane	< LOQ	µg/g	50	09/19/25	Residual Solvents by HS-GC-MS	
Tetrahydrofuran	< LOQ	µg/g	100	09/19/25	Residual Solvents by HS-GC-MS	
Toluene	< LOQ	µg/g	100	09/19/25	Residual Solvents by HS-GC-MS	
Total Residual Solvents	< LOQ	µg/g	5000	09/23/25	Residual Solvents by HS-GC-MS	
Total Xylenes	< LOQ	µg/g	400	09/23/25	Residual Solvents by HS-GC-MS	
Total Xylenes and Ethyl benzene	< LOQ	µg/g	600	09/23/25	Residual Solvents by HS-GC-MS	
trans-1,2-Dichloroethene	< LOQ	µg/g	1.00	09/19/25	Residual Solvents by HS-GC-MS	
Trichloroethylene	< LOQ	µg/g	1.00	09/19/25	Residual Solvents by HS-GC-MS	
Triethylamine	< LOQ	µg/g	500	09/19/25	Residual Solvents by HS-GC-MS	