

Certificate of Analysis

Client Name:	Higher Quality Chocolate	Matrix:	Solid
Client Address:	1064 Gervais Ave Maplewood, MN 55109	Date Received:	6/4/2025 4:50:00AM
Sample ID:	Strawberry Burst White Chocolate Bar - Batch SBWCB-001	Lab Sample ID:	2502315-01
Lot/Batch #:	SBWCB-001	Date of Report:	6/30/2025 9:35:33AM

Analysis	Requested (Yes/No)
Cannabinoid Profile	Yes
Terpene Profile	No
Aflatoxins	Yes
Heavy Metals	Yes
Residual Solvents	Yes
Microbial Testing	Yes
Pesticides	Yes



Sample, packaged



Sample, actual

Cannabinoid Profile 2502315-01 Strawberry Burst White Chocolate Bar - Batch SBWCB-001

Analyte	Result	RL	Units	Analysis Method	Date Analyzed	Notes
Cannabichromene (CBC)	<0.00115	0.00115	% by Weight w	HPLC	6/9/25 4:11 pm	
Cannabidiol (CBD)	0.0194	0.00115	% by Weight w	HPLC	6/9/25 4:11 pm	
Cannabidiolic Acid (CBDA)	<0.00115	0.00115	% by Weight w	HPLC	6/9/25 4:11 pm	
Cannabigerol (CBG)	<0.00115	0.00115	% by Weight w	HPLC	6/9/25 4:11 pm	
Cannabigerolic Acid (CBGA)	<0.00115	0.00115	% by Weight w	HPLC	6/9/25 4:11 pm	
Cannabinol (CBN)	<0.00115	0.00115	% by Weight w	HPLC	6/9/25 4:11 pm	
Delta-8-Tetrahydrocannabinol (d8-THC)	<0.00576	0.00576	% by Weight w	HPLC	6/9/25 4:11 pm	
Delta-9-Tetrahydrocannabinol (d9-THC)	0.189	0.0115	% by Weight w	HPLC	6/9/25 4:19 pm	
THCA-A	0.00925	0.00115	% by Weight w	HPLC	6/9/25 4:11 pm	
Total CBD	0.0194	0.00216	% by Weight w	HPLC	6/9/25 4:11 pm	
Total THC	0.197	0.0125	% by Weight w	HPLC	6/9/25 4:19 pm	

Aflatoxins 2502315-01 Strawberry Burst White Chocolate Bar - Batch SBWCB-001

Analyte	Result	RL	Units	Analysis Method	Date Analyzed	Notes
Aflatoxin G2	<5.2	5.2	ng/g	LC-MS/MS	6/18/25 3:03 am	
Aflatoxin G1	<2.6	2.6	ng/g	LC-MS/MS	6/18/25 3:03 am	
Aflatoxin B2	<2.6	2.6	ng/g	LC-MS/MS	6/18/25 3:03 am	
Aflatoxin B1	<2.6	2.6	ng/g	LC-MS/MS	6/18/25 3:03 am	

Taylor Schertler

Taylor Schertler - Administrative Manager Investigative Chem

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Heavy Metals 2502315-01 Strawberry Burst White Chocolate Bar - Batch SBWCB-001

Analyte	Result	RL	Units	Analysis Method	Date Analyzed	Notes
Arsenic	<250	250	ug/kg wet	EPA 6020B	6/17/25 10:48 pm	
Cadmium	<100	100	ug/kg wet	EPA 6020B	6/17/25 10:48 pm	
Mercury	<100	100	ug/kg wet	EPA 6020B	6/17/25 10:48 pm	
Lead	<130	130	ug/kg wet	EPA 6020B	6/17/25 10:48 pm	

Residual Solvents 2502315-01 Strawberry Burst White Chocolate Bar - Batch SBWCB-001

Analyte	Result	RL	Units	Analysis Method	Date Analyzed	Notes
Ethanol	<0.0026	0.0026	% by Weight	EPA 8015D	6/13/25 9:45 pm	
n-Hexane	<0.0026	0.0026	% by Weight	EPA 8015D	6/13/25 9:45 pm	
n-Pentane	<0.0026	0.0026	% by Weight	EPA 8015D	6/13/25 9:45 pm	
1-Propanol	<0.0027	0.0027	% by Weight	EPA 8015D	6/13/25 9:45 pm	

Microbial Testing 2502315-01 Strawberry Burst White Chocolate Bar - Batch SBWCB-001

Analyte	Result	RL	Units	Analysis Method	Date Analyzed	Notes
Salmonella	<1.0	1.0	CFU/g	AOAC 2014.01	6/18/25 1:54 pm	
Total Aerobic Bacteria	<120	120	CFU/g	AOAC 990.12	6/18/25 4:30 pm	
Total Bile Tolerant Gram-Negative Bar	<75	75	CFU/g	AOAC 2003.01	6/17/25 4:35 pm	
Total Coliform	<5.0	5.0	CFU/g	AOAC 991.14	6/17/25 4:44 pm	
Total Yeast and Mold	78	5.0	CFU/g	AOAC 997.02	6/19/25 11:10 am	
Total E.coli	<5.0	5.0	CFU/g	AOAC 991.14	6/18/25 4:17 pm	

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Pesticides **2502315-01** **Strawberry Burst White Chocolate Bar - Batch SBWCB-001**

Analyte	Result	RL	Units	Analysis Method	Date Analyzed	Notes
Acetamiprid	<0.15	0.15	ug/g	LC-MS/MS	6/17/25 7:46 am	
Aldicarb	<0.15	0.15	ug/g	LC-MS/MS	6/17/25 7:46 am	
Azoxystrobin	<0.15	0.15	ug/g	LC-MS/MS	6/17/25 7:46 am	
Bifenazate	<0.15	0.15	ug/g	LC-MS/MS	6/17/25 7:46 am	
Bifenthrin	<0.15	0.15	ug/g	LC-MS/MS	6/17/25 7:46 am	
Boscalid	<0.15	0.15	ug/g	LC-MS/MS	6/17/25 7:46 am	
Carbaryl	<0.15	0.15	ug/g	LC-MS/MS	6/17/25 7:46 am	
Carbofuran (Furadan)	<0.15	0.15	ug/g	LC-MS/MS	6/17/25 7:46 am	
Chlorantraniliprole	<0.15	0.15	ug/g	LC-MS/MS	6/17/25 7:46 am	
Clofentezine	<0.15	0.15	ug/g	LC-MS/MS	6/17/25 7:46 am	
Cypermethrin	<0.15	0.15	ug/g	LC-MS/MS	6/17/25 7:46 am	
Diazinon	<0.15	0.15	ug/g	LC-MS/MS	6/17/25 7:46 am	
Dichlorvos	<0.15	0.15	ug/g	LC-MS/MS	6/17/25 7:46 am	
Dimethoate	<0.018	0.018	ug/g	LC-MS/MS	6/17/25 7:46 am	
Dursban	<0.15	0.15	ug/g	LC-MS/MS	6/17/25 7:46 am	
Ethoprophos	<0.15	0.15	ug/g	LC-MS/MS	6/17/25 7:46 am	
Etofenprox	<0.15	0.15	ug/g	LC-MS/MS	6/17/25 7:46 am	
Etoxazole	<0.15	0.15	ug/g	LC-MS/MS	6/17/25 7:46 am	
Fenoxycarb	<0.15	0.15	ug/g	LC-MS/MS	6/17/25 7:46 am	
Fenpyroximate	<0.15	0.15	ug/g	LC-MS/MS	6/17/25 7:46 am	
Flonicamid	<0.15	0.15	ug/g	LC-MS/MS	6/17/25 7:46 am	
Imazalil	<0.15	0.15	ug/g	LC-MS/MS	6/17/25 7:46 am	
Imidacloprid	<0.15	0.15	ug/g	LC-MS/MS	6/17/25 7:46 am	
Kresoxim methyl	<0.15	0.15	ug/g	LC-MS/MS	6/17/25 7:46 am	
Malathion	<0.15	0.15	ug/g	LC-MS/MS	6/17/25 7:46 am	
Metalaxyl	<0.15	0.15	ug/g	LC-MS/MS	6/17/25 7:46 am	
Methiocarb	<0.15	0.15	ug/g	LC-MS/MS	6/17/25 7:46 am	
Methomyl	<0.15	0.15	ug/g	LC-MS/MS	6/17/25 7:46 am	
Myclobutanil	<0.15	0.15	ug/g	LC-MS/MS	6/17/25 7:46 am	
Naled	<0.15	0.15	ug/g	LC-MS/MS	6/17/25 7:46 am	
Oxamyl	<0.15	0.15	ug/g	LC-MS/MS	6/17/25 7:46 am	
Permethrin	<0.15	0.15	ug/g	LC-MS/MS	6/17/25 7:46 am	
Phosmet	<0.018	0.018	ug/g	LC-MS/MS	6/17/25 7:46 am	
Piperonyl butoxide	<0.15	0.15	ug/g	LC-MS/MS	6/17/25 7:46 am	
Prallethrin	<0.15	0.15	ug/g	LC-MS/MS	6/17/25 7:46 am	
Propiconazole	<0.15	0.15	ug/g	LC-MS/MS	6/17/25 7:46 am	
Propoxur	<0.15	0.15	ug/g	LC-MS/MS	6/17/25 7:46 am	
Pyrethrin I	<0.037	0.037	ug/g	LC-MS/MS	6/17/25 7:46 am	
Pyrethrin II	<0.018	0.018	ug/g	LC-MS/MS	6/17/25 7:46 am	
Pyridaben	<0.15	0.15	ug/g	LC-MS/MS	6/17/25 7:46 am	
Spinosad	<0.15	0.15	ug/g	LC-MS/MS	6/17/25 7:46 am	
Spiromesifen	<0.15	0.15	ug/g	LC-MS/MS	6/17/25 7:46 am	
Spirotetramat	<0.15	0.15	ug/g	LC-MS/MS	6/17/25 7:46 am	
Spiroxamine	<0.15	0.15	ug/g	LC-MS/MS	6/17/25 7:46 am	
Thiacloprid	<0.15	0.15	ug/g	LC-MS/MS	6/17/25 7:46 am	

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Thiamethoxam	<0.15	0.15	ug/g	LC-MS/MS	6/17/25	7:46 am
Trifloxystrobin	<0.15	0.15	ug/g	LC-MS/MS	6/17/25	7:46 am

Sample Narrative: **2502315-01**

Strawberry Burst White Chocolate Bar - Batch SBWCB-001

D9-THC: 4.92mg per piece.

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Notes and Definitions

CFU/g	Colony Forming Units per Gram
HPLC	High-Performance Liquid Chromatography
MS	Mass Spectrometry
<	Less than value listed
RL	Reporting Limit
NA	Not Applicable
QR-2	Analyses are not controlled on RPD values from sample concentrations less than 5 times the reporting limit.