

Certificate of Analysis

Border Health, Inc. dba Sticky Saguaro

12338 E Riggs Rd
Chandler, AZ 85249
aswim@stickysaguaro.com

Lic. #00000022ESMC44584355

Sample: 2506LVL0522.2698

Secondary License: ; Chain of Distribution:

Strain: Sour Diesel; Batch Size: g; External Batch ID: SD-XAS-250611

Sample Received: 06/12/2025; Report Created: 06/16/2025; Report Expiration: 06/16/2026

Sampling Date: 06/11/2025; Sampling Time: 15:15; Sampling Person: Kim Smarik


Harvest Date: ; Manufacturing Date: 06/11/2025; External Lot ID:

Date of Pickup: Time Collected:

Sour Diesel Applesauce Bulk

Concentrates & Extracts, Other



	83.04%	ND	94.21%
	Total THC	Total CBD	
	32.33 mg/g	Not Tested	Total Cannabinoids (Q3)
	Total Terpenes (Q3)	NT Moisture (Q3)	

Cannabinoids

Complete

Analyte	LOQ	Result	Result	Qualifier
	%	%	mg/g	
THCa	2.21	90.82	908.2	M1
Δ9-THC	2.21	3.40	34.0	
Δ8-THC	2.21	ND	ND	Q3
THCVa	2.21	<LOQ	<LOQ	Q3
THCV	2.21	ND	ND	Q3
CBDa	2.21	ND	ND	
CBD	2.21	ND	ND	
CBDVa	2.21	ND	ND	Q3
CBDV	2.21	ND	ND	Q3
CBN	2.21	ND	ND	Q3
CBGa	2.21	<LOQ	<LOQ	Q3
CBG	2.21	ND	ND	Q3
CBCa	2.21	<LOQ	<LOQ	Q3
CBC	2.21	ND	ND	Q3
Total		94.21	942.1	Q3

Qualifiers:
Date Tested: 06/12/2025 12:00 am

Total THC = THCa * 0.877 + Δ9-THC
Total CBD = CBDa * 0.877 + CBD

The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. Cannabinoid potency performed by HPLC-DAD per SOP-(1608). ADHS approved method for potency by HPLC-DAD for all listed analytes.

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Concentrates & Extracts, Other



Terpenes

Analyte	LOQ	Result	Result	Qualifier	Analyte	LOQ	Result	Result	Qualifier
	mg/g	mg/g	%			mg/g	mg/g	%	
β-Caryophyllene	0.83	9.97	0.997	Q3	Citronellol	4.14	ND	ND	Q3
δ-Limonene	0.83	7.28	0.728	Q3	Eucalyptol	0.41	ND	ND	Q3
β-Myrcene	0.41	4.81	0.481	Q3	Farnesene	0.07	ND	ND	Q3
α-Humulene	0.41	2.69	0.269	Q3	Fenchone	0.83	ND	ND	Q3
Linalool	0.83	2.20	0.220	Q3	γ-Terpinene	0.41	ND	ND	Q3
α-Bisabolol	0.41	1.64	0.164	Q3	γ-Terpineol	0.09	ND	ND	Q3
Fenchol	0.41	1.22	0.122	Q3	Geraniol	8.27	ND	ND	Q3
α-Terpineol	0.67	1.05	0.105	Q3	Geranyl Acetate	0.41	ND	ND	Q3
α-Pinene	0.41	0.61	0.061	Q3	Guaiol	0.41	ND	ND	Q3
Caryophyllene					Isoborneol	4.14	ND	ND	Q3
Oxide	0.41	0.46	0.046	Q3	Isopulegol	0.41	ND	ND	Q3
cis-Ocimene	0.12	0.40	0.040	Q3	Menthol	0.41	ND	ND	Q3
3-Carene	0.83	ND	ND	Q3	Nerol	0.41	ND	ND	Q3
α-Cedrene	0.41	ND	ND	Q3	Pulegone	0.41	ND	ND	Q3
α-Phellandrene	0.41	ND	ND	Q3	p-Cymene	0.41	ND	ND	Q3
α-Terpinene	0.41	ND	ND	Q3	Sabinene	0.41	ND	ND	Q3
β-Eudesmol	0.41	ND	ND	Q3	Sabinene Hydrate	0.41	ND	ND	Q3
β-Pinene	0.83	<LOQ	<LOQ	Q3	Terpinolene	0.83	<LOQ	<LOQ	Q3
Borneol	1.24	ND	ND	Q3	trans-Nerolidol	0.41	ND	ND	Q3
Camphene	0.41	<LOQ	<LOQ	Q3	trans-Ocimene	0.27	ND	ND	Q3
Camphor	1.65	ND	ND	Q3	Valencene	0.41	ND	ND	Q3
Cedrol	0.41	ND	ND	Q3					
cis-Nerolidol	0.83	ND	ND	Q3					

Primary Aromas



Cinnamon



Lemon



Hops



Lavender



Chamomile

32.33 mg/g

Total Terpenes

Qualifiers:
Date Tested: 06/12/2025 12:00 am

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Concentrates & Extracts, Other



Residual Solvents

Pass

Analyte	LOQ	Limit	Result	Status	Qualifier
	PPM	PPM	PPM		
Acetone	340.110	1000.000	ND	Pass	M2
Acetonitrile	138.260	410.000	ND	Pass	
Benzene	0.680	2.000	ND	Pass	
Butanes	2262.900	5000.000	ND	Pass	
Chloroform	20.370	60.000	ND	Pass	L1
Dichloromethane	206.960	600.000	ND	Pass	L1
Ethanol	1687.480	5000.000	ND	Pass	
Ethyl-Acetate	1689.080	5000.000	ND	Pass	V1 L1
Ethyl-Ether	1682.490	5000.000	ND	Pass	
Heptane	1684.930	5000.000	ND	Pass	
Hexanes	97.130	290.000	ND	Pass	
Isopropanol	1679.570	5000.000	ND	Pass	
Isopropyl-Acetate	1682.670	5000.000	ND	Pass	L1
Methanol	1006.970	3000.000	ND	Pass	
Pentanes	1693.600	5000.000	ND	Pass	V1 L1
Toluene	303.050	890.000	ND	Pass	L1
Xylenes	726.100	2170.000	ND	Pass	L1

Qualifiers:

Date Tested: 06/12/2025 07:00 am

Performed by GCMS-HS per SOP-LM-014. Methods used per AZDHS R9-17-404.03 and solvent limits set by AZDHS R9-17 Table 3.1. ADHS approved method for residual solvents by GCMS-HS for all listed analytes.



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Sour Diesel Applesauce Bulk

Concentrates & Extracts, Other



Pesticides

Pass

Analyte	LOQ	Limit	Units	Status	Qualifier	Analyte	LOQ	Limit	Units	Status	Qualifier
	PPM	PPM	PPM				PPM	PPM	PPM		
Abamectin	0.040	0.500	ND	Pass	V1 L1	Hexythiazox	0.050	1.000	ND	Pass	V1 L1
Acephate	0.040	0.400	ND	Pass	V1 L1	Imazalil	0.050	0.200	ND	Pass	V1 L1
Acetamiprid	0.050	0.200	ND	Pass	V1 L1	Imidacloprid	0.050	0.400	ND	Pass	L1
Aldicarb	0.050	0.400	ND	Pass	V1 L1	Kresoxim Methyl	0.040	0.400	ND	Pass	V1 L1
Azoxystrobin	0.050	0.200	ND	Pass	V1 L1	Malathion	0.050	0.200	ND	Pass	V1 L1
Bifenazate	0.050	0.200	ND	Pass	V1 L1	Metalaxyl	0.050	0.200	ND	Pass	V1 L1
Bifenthrin	0.050	0.200	ND	Pass	V1 L1	Methiocarb	0.040	0.200	ND	Pass	V1 L1
Boscalid	0.040	0.400	ND	Pass	V1 L1	Methomyl	0.050	0.400	ND	Pass	V1 L1
Carbaryl	0.050	0.200	ND	Pass	V1 L1	Myclobutanil	0.050	0.200	ND	Pass	V1 L1
Carbofuran	0.050	0.200	ND	Pass	V1 L1	Naled	0.050	0.500	ND	Pass	L1
Chlorantraniliprole	0.050	0.200	ND	Pass	V1 L1	Oxamyl	0.050	1.000	ND	Pass	V1 L1
Chlorfenapyr	0.460	1.000	ND	Pass	L1	Paclobutrazol	0.050	0.400	ND	Pass	V1 L1
Chlorpyrifos	0.050	0.200	ND	Pass	V1 L1	Permethrins	0.050	0.200	ND	Pass	V1 L1
Clofentezine	0.050	0.200	ND	Pass	V1 L1	Phosmet	0.050	0.200	ND	Pass	V1 L1
Cyfluthrin	0.460	1.000	ND	Pass	V1 L1	Piperonyl Butoxide	0.040	2.000	ND	Pass	V1 L1
Cypermethrin	0.050	1.000	ND	Pass	V1 L1	Prallethrin	0.050	0.200	ND	Pass	V1 L1
Daminozide	0.460	1.000	ND	Pass	V1 L1	Propiconazole	0.050	0.400	ND	Pass	V1 L1
Dichlorvos (DDVP)	0.050	0.100	ND	Pass	V1 L1	Propoxur	0.050	0.200	ND	Pass	V1 L1
Diazinon	0.050	0.200	ND	Pass	V1 L1	Pyrethrins	0.460	1.000	ND	Pass	V1 L1
Dimethoate	0.050	0.200	ND	Pass	V1 L1	Pyridaben	0.050	0.200	ND	Pass	V1 L1
Ethoprophos	0.050	0.200	ND	Pass	V1 L1	Spinosad	0.050	0.200	ND	Pass	V1 L1 M2
Etofenprox	0.050	0.400	ND	Pass	V1 L1 M2	Spiromesifen	0.050	0.200	ND	Pass	V1 L1 M2
Etoxazole	0.050	0.200	ND	Pass	V1 L1	Spirotetramat	0.050	0.200	ND	Pass	L1
Fenoxycarb	0.050	0.200	ND	Pass	V1 L1	Spiroxamine	0.050	0.400	ND	Pass	V1 L1
Fenpyroximate	0.050	0.400	ND	Pass	V1 L1	Tebuconazole	0.050	0.400	ND	Pass	V1 L1
Fipronil	0.050	0.400	ND	Pass	V1 L1	Thiacloprid	0.050	0.200	ND	Pass	V1 L1
Flonicamid	0.050	1.000	ND	Pass	V1 L1	Thiamethoxam	0.050	0.200	ND	Pass	V1 L1
Fludioxonil	0.050	0.400	ND	Pass	V1 L1	Trifloxystrobin	0.050	0.200	ND	Pass	V1 L1

Herbicides

Analyte	LOQ	Limit	Units	Status
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Qualifiers:

Date Tested: 06/12/2025 07:00 am

Performed by LCMSMS per SOP-LM-021 and SOP-LM-022. ND = Not Detected; NR = Not Reported. Methods used per AZDHS R9-17-404.03 and pesticide limits set by AZDHS R9-17 Table 3.1. ADHS approved method for pesticide testing by LCMSMS for full list effective 5/1/2021.



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Sour Diesel Applesauce Bulk

Concentrates & Extracts, Other



Mycotoxins

Pass

Total Ochratoxins Date Tested: 06/14/2025

Total Aflatoxins Date Tested: 06/14/2025

Analyte	LOQ	Limit	Result	Status	Qualifier
	µg/kg	µg/kg	µg/kg		
Total Aflatoxins (B1 B2 G1 and G2)	4.00	20.00	ND	Pass	
Total Ochratoxins (A and B)	2.00	20.00	2.62	Pass	

LEVEL ONE

TNTC = Too Numerous to Count. The lower limit of quantification for Aflatoxin is 4ppb and the lower limit of quantification for Ochratoxin is 2ppb unless noted on the CoA by further dilution. Unless otherwise stated all quality control samples performed within specifications. Analysis Method/Instrumentation: direct ELISA produced by Romer Labs and read on Bio-Tek 800TS microplate reader. Procedure followed SOP-LM-018. Methods used per AZDHS R9-17-404.03 and R9-17-404.04 and limits set by AZDHS R9-17 Table 3.1. ADHS approved method.



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Concentrates & Extracts, Other



Microbials

Pass

Analyte	Result	Result Units	Status	Qualifier
E. Coli	<10	CFU/G	Pass	
Salmonella	Not Detected	in one gram	Pass	
Aspergillus terreus	Not Detected	in one gram	Pass	
Aspergillus fumigatus, Aspergillus flavus, and Aspergillus niger	Not Detected	in one gram	Pass	

Qualifiers:

Date Tested: 06/13/2025 12:00 am

TNTC = Too Numerous to Count. The lower limit of quantification for E. coli is 10 CFU/g unless noted on the CoA by further dilution. Unless otherwise stated all quality control samples performed within specifications. Analysis Method/Instrumentation: E. coli plating via 3M Petrifilm per SOP-LM-019, Salmonella spp. And Aspergillus spp. detection by Bio-Rad CFX96 Deep Well real-time PCR per SOP-LM-016 & SOP-LM-017. Methods used per AZDHS R9-17-404.04 and microbial limits set by AZDHS R9-17 Table 3.1. ADHS approved method for microbials for all listed organisms.



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Concentrates & Extracts, Other



Heavy Metals

Pass

Analyte	Result	LOQ	Limit	Status	Qualifier
	PPM	PPM	PPM		
Arsenic	<0.142	0.142	0.400	Pass	
Cadmium	ND	0.142	0.400	Pass	
Lead	<0.142	0.142	1.000	Pass	
Mercury	<0.142	0.142	0.200	Pass	

LEVEL ONE

Qualifiers:
Date Tested: 06/13/2025 12:00 am

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