SC Labs®

Hemp Quality Assurance Testing
CERTIFICATE OF ANALYSIS

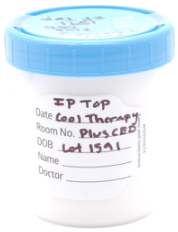
DATE ISSUED 08/16/2025

SAMPLE DETAILS

SAMPLE NAME: Cool Therapy plus CBD Top
Infused, Topical

CULTIVATOR / MANUFACTURER
Business Name:
License Number:
Address:

DISTRIBUTOR / TESTED FOR
Business Name: Sombra Cosmetics
License Number:
Address:



SAMPLE DETAIL
Batch Number: 1591
Sample ID: 250811L004

Date Collected: 08/11/2025
Date Received: 08/11/2025
Batch Size:
Sample Size: 1.0 unit
Unit Mass: 110 grams per Unit
Serving Size:

Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: Not Detected

Total CBD: 1854.490 mg/unit

Sum of Cannabinoids: 1867.030 mg/unit

Total Cannabinoids: 1867.030 mg/unit

Total THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during the decarboxylation step:
Total THC = Δ^9-THC + (THCa (0.877))
Total CBD = CBD + (CBDa (0.877))
Sum of Cannabinoids = Δ^9-THC + THCa + CBD + CBDa + CBG + CBGa + THCV + THCVa + CBC + CBCa + CBDV + CBDVa + Δ^8-THC + CBL + CBN
Total Cannabinoids = (Δ^9-THC+0.877*THCa) + (CBD+0.877*CBDa) + (CBG+0.877*CBGa) + (THCV+0.877*THCVa) + (CBC+0.877*CBCa) + (CBDV+0.877*CBDVa) + Δ^8-THC + CBL + CBN

TERPENOID ANALYSIS - SUMMARY

39 TESTED, TOP 3 HIGHLIGHTED

Total Terpenoids: 6.8344%

Menthol 56.520 mg/g Limonene 9.211 mg/g β-Pinene 1.285 mg/g

SAFETY ANALYSIS - SUMMARY

Δ^9-THC per Unit: PASS
Pesticides: PASS
Mycotoxins: PASS
Residual Solvents: PASS
Heavy Metals: PASS
Microbiology (PCR): PASS
Microbiology (Plating): ND

For quality assurance purposes. Not a Regulatory Hemp Lab Test Report. These results relate only to the sample included on this report. This report shall not be reproduced, except in full, without written approval of the laboratory.

Sample Certification: California Code of Regulations Title 4 Division 19. Department of Cannabis Control Business and Professions Code. Reference: Sections 26100, 26104 and 26110, Business and Professions Code.

Decision Rule: Statements of conformity (e.g. Pass/Fail) to specifications are made in this report without taking measurement uncertainty into account. Where statements of conformity are made in this report, the following decision rules are applied: PASS - Results within limits/specifications, FAIL - Results exceed limits/specifications.

References: limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT), µg/g = ppm, µg/kg = ppb, too numerous to count >250 cfu/plate (TNTC), colony-forming unit (cfu)

LQC verified by: Samantha LeBeau
Job Title: Laboratory Assistant
Date: 08/16/2025

Approved by: Josh Wurzer
Job Title: Chief Compliance Officer
Date: 08/16/2025

Cannabinoid Analysis

Tested by high-performance liquid chromatography with diode-array detection (HPLC-DAD).

Method: QSP 1157 - Analysis of Cannabinoids by HPLC-DAD

TOTAL THC: Not Detected

Total THC (Δ^9-THC+0.877*THCa)

TOTAL CBD: 1854.490 mg/unit

Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 1867.030 mg/unit

Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) + Δ^8-THC + CBL + CBN

TOTAL CBG: ND

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: ND

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: ND

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 12.540 mg/unit

Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 08/13/2025

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	*0.004 / 0.011*	*±0.6288*	16.859	1.6859
CBDV	*0.002 / 0.012*	*±0.0047*	0.114	0.0114
Δ^9-THC	*0.002 / 0.014*	*N/A*	ND	ND
Δ^8-THC	*0.01 / 0.02*	*N/A*	ND	ND
THCa	*0.001 / 0.005*	*N/A*	ND	ND
THCV	*0.002 / 0.012*	*N/A*	ND	ND
THCVa	*0.002 / 0.019*	*N/A*	ND	ND
CBDa	*0.001 / 0.026*	*N/A*	ND	ND
CBDVa	*0.001 / 0.018*	*N/A*	ND	ND
CBG	*0.002 / 0.006*	*N/A*	ND	ND
CBGa	*0.002 / 0.007*	*N/A*	ND	ND
CBL	*0.003 / 0.010*	*N/A*	ND	ND
CBN	*0.001 / 0.007*	*N/A*	ND	ND
CBC	*0.003 / 0.010*	*N/A*	ND	ND
CBCa	*0.001 / 0.015*	*N/A*	ND	ND
SUM OF CANNABINOIDS			16.973 mg/g	1.6973%

Unit Mass: 110 grams per Unit

Δ^9-THC per Unit	*1100 per-package limit*	ND	PASS
Total THC per Unit		ND	
CBD per Unit		1854.490 mg/unit	
Total CBD per Unit		1854.490 mg/unit	
Sum of Cannabinoids per Unit		1867.030 mg/unit	
Total Cannabinoids per Unit		1867.030 mg/unit	

Terpenoid Analysis

Terpene analysis utilizing gas chromatography-flame ionization detection (GC-FID).

Method: QSP 1192 - Analysis of Terpenoids by GC-FID

TERPENOID TEST RESULTS - 08/13/2025

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
Menthol	*0.008 / 0.025*	*±1.7634*	56.520	5.6520
Limonene	*0.005 / 0.036*	*±0.1022*	9.211	0.9211
β-Pinene	*0.004 / 0.014*	*±0.0114*	1.285	0.1285
γ-Terpinene	*0.006 / 0.018*	*±0.0085*	0.632	0.0632
α-Pinene	*0.005 / 0.036*	*±0.0017*	0.258	0.0258
Myrcene	*0.008 / 0.025*	*±0.0016*	0.159	0.0159
Sabinene	*0.004 / 0.014*	*±0.0012*	0.133	0.0133
p-Cymene	*0.005 / 0.016*	*±0.0023*	0.109	0.0109
β-Caryophyllene	*0.004 / 0.012*	*±0.0010*	0.037	0.0037
α-Bisabolol	*0.008 / 0.026*	*N/A*	ND	ND
α-Cedrene	*0.005 / 0.016*	*N/A*	ND	ND

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Terpenoid Analysis *Continued*

1 Menthol
A monoterpenoid alcohol with a fragrance that can be described as fresh, cool and herbal. It is responsible for the distinct odor of mint. It is frequently added to cigarettes and mouthwash as a flavorant. Found in mint, sunflower, micromeria, mountain mint, rose geranium, pennyroyal, tarragon, savory, basil, juniper, couch grass, rhubarb, acinos (basil thyme), ironwort, muña...etc.

2 Limonene
A monoterpene with a fragrance that can be described as orangey, citrusy, sweet and tart. It is most commonly found in nature as D-Limonene and is a primary contributor to the distinct scent of orange peels, from which it is commonly derived. Found in numerous pines, red maple, silver maple, aspens, cottonwoods, hemlocks, sumac, cedar, junipers...etc.

3 β-Pinene
One of two isomers of the monoterpene Pinene, the most abundant terpene in the natural world. It is responsible for the distinct aroma of many coniferous trees, particularly pines, from which it derives its name. It is a primary constituent of turpentine. Found in pines, parsley, celery, nutmeg, hyssop, black currant, rosemary, black pepper, spearmint...etc.

TERPENOID TEST RESULTS - 08/13/2025 *continued*

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
α-Humulene	*0.009 / 0.180*	*N/A*	ND	ND
α-Phellandrene	*0.006 / 0.036*	*N/A*	ND	ND
α-Terpinene	*0.005 / 0.017*	*N/A*	ND	ND
β-Ocimene	*0.006 / 0.025*	*N/A*	ND	ND
Borneol	*0.005 / 0.016*	*N/A*	ND	ND
Camphene	*0.005 / 0.015*	*N/A*	ND	ND
Camphor	*0.006 / 0.036*	*N/A*	ND	ND
Caryophyllene Oxide	*0.010 / 0.033*	*N/A*	ND	ND
Cedrol	*0.008 / 0.027*	*N/A*	ND	ND
Citronellol	*0.003 / 0.036*	*N/A*	ND	ND
Δ^3-Carene	*0.005 / 0.018*	*N/A*	ND	ND
Eucalyptol	*0.006 / 0.018*	*N/A*	ND	ND
Fenchol	*0.010 / 0.036*	*N/A*	ND	ND
Fenchone	*0.009 / 0.036*	*N/A*	ND	ND
Geraniol	*0.002 / 0.036*	*N/A*	ND	ND
Geranyl Acetate	*0.004 / 0.036*	*N/A*	ND	ND
Guaiol	*0.009 / 0.030*	*N/A*	ND	ND
Isoborneol	*0.004 / 0.012*	*N/A*	ND	ND
Isopulegol	*0.005 / 0.036*	*N/A*	ND	ND
Linalool	*0.009 / 0.036*	*N/A*	ND	ND
Nerol	*0.003 / 0.036*	*N/A*	ND	ND
Nerolidol	*0.006 / 0.021*	*N/A*	ND	ND
Pulegone	*0.003 / 0.011*	*N/A*	ND	ND
Sabinene Hydrate	*0.006 / 0.036*	*N/A*	ND	ND
Terpineol	*0.009 / 0.031*	*N/A*	ND	ND
Terpinolene	*0.008 / 0.036*	*N/A*	ND	ND
trans-β-Farnesene	*0.008 / 0.025*	*N/A*	ND	ND
Valencene	*0.009 / 0.180*	*N/A*	ND	ND
TOTAL TERPENOIDS			68.344 mg/g	6.8344%

Pesticide Analysis

Pesticide and plant growth regulator analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS) or gas chromatography-mass spectrometry (GC-MS).

*GC-MS utilized where indicated.

Method: QSP 1212 - Analysis of Pesticides and Mycotoxins by LC-MS or QSP 1213 - Analysis of Pesticides by GC-MS

PESTICIDE TEST RESULTS - 08/16/2025 PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Abamectin	*0.032 / 0.097*	*0.3*	*N/A*	ND	PASS
Acephate	*0.006 / 0.018*	*5*	*N/A*	ND	PASS
Acequinocyl	*0.009 / 0.027*	*4*	*N/A*	ND	PASS
Acetamiprid	*0.016 / 0.049*	*5*	*N/A*	ND	PASS
Aldicarb	*0.030 / 0.090*	*≥ LOD*	*N/A*	ND	PASS
Allethrin	*0.030 / 0.092*		*N/A*	ND	
Atrazine	*0.006 / 0.019*		*N/A*	ND	

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Pesticide Analysis *Continued*

PESTICIDE TEST RESULTS - 08/16/2025 *continued* PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Azadirachtin	0.082 / 0.248		N/A	ND	
Azoxystrobin	0.003 / 0.009	40	±0.0027	0.079	PASS
Benzovindiflupyr	0.003 / 0.009		N/A	ND	
Bifenazate	0.003 / 0.009	5	N/A	ND	PASS
Bifenthrin	0.021 / 0.064	0.5	N/A	ND	PASS
Boscalid	0.003 / 0.009	10	N/A	ND	PASS
Buprofezin‡	0.006 / 0.019		N/A	ND	
Captan	0.045 / 0.135	5	N/A	ND	PASS
Carbaryl	0.007 / 0.020	0.5	N/A	ND	PASS
Carbofuran	0.003 / 0.008	≥ LOD	N/A	ND	PASS
Chlorantraniliprole	0.006 / 0.018	40	N/A	ND	PASS
Chlordane*	0.010 / 0.032	≥ LOD	N/A	ND	PASS
Chlorfenapyr*	0.005 / 0.015	≥ LOD	N/A	ND	PASS
Chlormequat chloride	0.022 / 0.066		N/A	ND	
Chlorpyrifos	0.013 / 0.039	≥ LOD	N/A	ND	PASS
Clofentezine	0.003 / 0.009	0.5	N/A	ND	PASS
Clothianidin	0.008 / 0.025		N/A	ND	
Coumaphos	0.003 / 0.010	≥ LOD	N/A	ND	PASS
Cyantraniliprole	0.003 / 0.010		N/A	ND	
Cyfluthrin	0.052 / 0.159	1	N/A	ND	PASS
Cypermethrin	0.051 / 0.153	1	N/A	ND	PASS
Cyprodinil‡	0.003 / 0.008		N/A	ND	
Daminozide	0.026 / 0.077	≥ LOD	N/A	ND	PASS
Deltamethrin	0.059 / 0.180		N/A	ND	
Diazinon	0.006 / 0.017	0.2	N/A	ND	PASS
Dichlorvos (DDVP)	0.012 / 0.038	≥ LOD	N/A	ND	PASS
Dimethoate	0.003 / 0.009	≥ LOD	N/A	ND	PASS
Dimethomorph	0.016 / 0.050	20	N/A	ND	PASS
Dinotefuran	0.010 / 0.030		N/A	ND	
Diuron	0.013 / 0.040		N/A	ND	
Dodemorph	0.012 / 0.035		N/A	ND	
Endosulfan sulfate	0.016 / 0.048		N/A	ND	
Endosulfan-α*	0.004 / 0.014		N/A	ND	
Endosulfan-β*	0.006 / 0.019		N/A	ND	
Ethoprophos	0.003 / 0.009	≥ LOD	N/A	ND	PASS
Etofenprox	0.014 / 0.042	≥ LOD	N/A	ND	PASS
Etoxazole	0.007 / 0.020	1.5	N/A	ND	PASS
Etridiazole*	0.002 / 0.005		N/A	ND	
Fenhexamid	0.003 / 0.008	10	N/A	ND	PASS
Fenoxycarb	0.003 / 0.010	≥ LOD	N/A	ND	PASS
Fenpyroximate	0.007 / 0.020	2	N/A	ND	PASS

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Pesticide Analysis *Continued*

PESTICIDE TEST RESULTS - 08/16/2025 *continued* PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Fensulfothion	*0.003 / 0.010*		*N/A*	ND	
Fenthion	*0.003 / 0.010*		*N/A*	ND	
Fenvalerate‡	*0.033 / 0.099*		*N/A*	ND	
Fipronil	*0.003 / 0.010*	*≥ LOD*	*N/A*	ND	PASS
Flonicamid	*0.007 / 0.022*	*2*	*N/A*	ND	PASS
Fludioxonil	*0.003 / 0.010*	*30*	*±0.0015*	0.019	PASS
Fluopyram‡	*0.003 / 0.009*		*N/A*	ND	
Hexythiazox	*0.003 / 0.010*	*2*	*N/A*	ND	PASS
Imazalil	*0.003 / 0.009*	*≥ LOD*	*N/A*	ND	PASS
Imidacloprid	*0.003 / 0.010*	*3*	*N/A*	ND	PASS
Iprodione	*0.077 / 0.233*		*N/A*	ND	
Kinoprene	*0.077 / 0.233*		*N/A*	ND	
Kresoxim-methyl	*0.006 / 0.019*	*1*	*N/A*	ND	PASS
λ-Cyhalothrin	*0.068 / 0.206*		*N/A*	ND	
Malathion	*0.003 / 0.009*	*5*	*N/A*	ND	PASS
Metalaxyl	*0.003 / 0.010*	*15*	*N/A*	ND	PASS
Methiocarb	*0.003 / 0.008*	*≥ LOD*	*N/A*	ND	PASS
Methomyl	*0.008 / 0.025*	*0.1*	*N/A*	ND	PASS
Methoprene	*0.172 / 0.521*		*N/A*	ND	
Mevinphos	*0.008 / 0.024*	*≥ LOD*	*N/A*	ND	PASS
MGK-264	*0.015 / 0.047*		*N/A*	ND	
Myclobutanil	*0.003 / 0.009*	*9*	*N/A*	ND	PASS
Naled	*0.021 / 0.064*	*0.5*	*N/A*	ND	PASS
Novaluron	*0.002 / 0.005*		*N/A*	ND	
Oxamyl	*0.017 / 0.051*	*0.2*	*N/A*	ND	PASS
Paclobutrazol	*0.003 / 0.010*	*≥ LOD*	*N/A*	ND	PASS
Parathion-methyl	*0.016 / 0.050*	*≥ LOD*	*N/A*	ND	PASS
Pentachloronitro-benzene (Quintozene)*	*0.004 / 0.012*	*0.2*	*N/A*	ND	PASS
Permethrin	*0.056 / 0.168*	*20*	*N/A*	ND	PASS
Phenothrin	*0.016 / 0.047*		*N/A*	ND	
Phosmet	*0.007 / 0.020*	*0.2*	*N/A*	ND	PASS
Piperonyl Butoxide	*0.010 / 0.029*	*8*	*N/A*	ND	PASS
Pirimicarb	*0.003 / 0.009*		*N/A*	ND	
Prallethrin	*0.015 / 0.046*	*0.4*	*N/A*	ND	PASS
Propiconazole	*0.027 / 0.080*	*20*	*N/A*	<LOQ	PASS
Propoxur	*0.003 / 0.008*	*≥ LOD*	*N/A*	ND	PASS
Pyraclostrobin	*0.003 / 0.010*		*N/A*	ND	
Pyrethrins	*0.016 / 0.049*	*1*	*N/A*	ND	PASS
Pyridaben	*0.005 / 0.017*	*3*	*N/A*	ND	PASS
Pyriproxyfen	*0.003 / 0.009*		*N/A*	ND	
Resmethrin	*0.013 / 0.039*		*N/A*	ND	

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Pesticide Analysis *Continued*

PESTICIDE TEST RESULTS - 08/16/2025 *continued* PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Spinetoram	0.003 / 0.010	3	N/A	ND	PASS
Spinosad	0.003 / 0.010	3	N/A	ND	PASS
Spirodiclofen	0.031 / 0.093		N/A	ND	
Spiromesifen	0.016 / 0.050	12	N/A	ND	PASS
Spirotetramat	0.003 / 0.010	13	N/A	ND	PASS
Spiroxamine	0.020 / 0.062	≥ LOD	N/A	ND	PASS
Tebuconazole	0.003 / 0.010	2	N/A	ND	PASS
Tebufenozide	0.003 / 0.008		N/A	ND	
Teflubenzuron	0.007 / 0.022		N/A	ND	
Tetrachlorvinphos	0.003 / 0.008		N/A	ND	
Tetramethrin	0.021 / 0.063		N/A	ND	
Thiabendazole	0.006 / 0.020		N/A	ND	
Thiacloprid	0.003 / 0.009	≥ LOD	N/A	ND	PASS
Thiamethoxam	0.003 / 0.010	4.5	N/A	ND	PASS
Thiophanate-methyl	0.013 / 0.040		N/A	ND	
Trifloxystrobin	0.003 / 0.009	30	N/A	ND	PASS

Mycotoxin Analysis

Mycotoxin analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS).

Method: QSP 1212 - Analysis of Pesticides and Mycotoxins by LC-MS

MYCOTOXIN TEST RESULTS - 08/16/2025 PASS

COMPOUND	LOD/LOQ (µg/kg)	ACTION LIMIT (µg/kg)	MEASUREMENT UNCERTAINTY (µg/kg)	RESULT (µg/kg)	RESULT
Aflatoxin B1	1.6 / 5.0		N/A	ND	
Aflatoxin B2	1.4 / 4.1		N/A	ND	
Aflatoxin G1	1.6 / 4.9		N/A	ND	
Aflatoxin G2	1.6 / 5.0		N/A	ND	
Ochratoxin A	1.6 / 5.0	20	N/A	ND	PASS
Total Aflatoxin		20		ND	PASS

Residual Solvents Analysis

Residual Solvent analysis utilizing gas chromatography-mass spectrometry (GC-MS).

Method: QSP 1204 - Analysis of Residual Solvents by GC-MS

Total Butanes = n-Butane + 2-Methylpropane (Isobutane)
Total Pentanes = n-Pentane + 2-Methylbutane (Isopentane) + 2,2-Dimethylpropane (Neopentane)
Total Hexanes = n-Hexane + 2,2-Dimethylbutane (Neohexane) + 2,3-Dimethylbutane / 2-Methylpentane (Isohexane) + 3-Methylpentane
Total Heptanes = 2,2-Dimethylpentane (Neoheptane) + 2,3-Dimethylpentane + 2,4-Dimethylpentane + 3,3-Dimethylpentane + 2,2,3-Trimethylbutane (Triptane) + 2-Methylhexane (Isoheptane) + 3-Methylhexane + 3-Ethylpentane + n-Heptane
Total Xylenes = 1,2-Dimethylbenzene (o-Xylene) + 1,3-Dimethylbenzene (m-Xylene) / 1,4-Dimethylbenzene (p-Xylene) + Ethylbenzene

RESIDUAL SOLVENTS TEST RESULTS - 08/15/2025 PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Propane	0.234 / 0.781	5000	N/A	ND	PASS
2-Methylpropane (Isobutane)	0.052 / 0.173		N/A	ND	
n-Butane	0.019 / 0.063	5000	N/A	ND	PASS
Total Butanes				ND	
2-Methylbutane (Isopentane)	0.310 / 1.035		N/A	ND	
2,2-Dimethylpropane (Neopentane)	0.035 / 0.117		N/A	ND	
n-Pentane	0.310 / 1.033	5000	N/A	ND	PASS
Total Pentanes				ND	

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Residual Solvents Analysis
Continued

RESIDUAL SOLVENTS TEST RESULTS - 08/15/2025 *continued* PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
2,2-Dimethylbutane (Neohexane)	*9.831 / 32.77*		*N/A*	ND	
2,3-Dimethylbutane / 2-Methylpentane (Isohexane)	*0.381 / 1.271*		*N/A*	ND	
3-Methylpentane	*0.109 / 0.365*		*N/A*	ND	
n-Hexane	*0.110 / 0.366*	*290*	*N/A*	ND	PASS
Total Hexanes				ND	
Cyclohexane	*0.357 / 1.190*		*N/A*	ND	
2,2-Dimethylpentane (Neoheptane)	*0.493 / 1.642*		*N/A*	ND	
2,3-Dimethylpentane	*1.009 / 3.365*		*N/A*	ND	
2,4-Dimethylpentane	*0.737 / 2.458*		*N/A*	ND	
3,3-Dimethylpentane	*0.198 / 0.660*		*N/A*	ND	
2,2,3-Trimethylbutane (Triptane)	*0.521 / 1.738*		*N/A*	ND	
2-Methylhexane (Isoheptane)	*0.610 / 2.034*		*N/A*	ND	
3-Methylhexane	*0.235 / 0.785*		*±0.0531*	2.967	
3-Ethylpentane	*0.304 / 1.012*		*N/A*	ND	
n-Heptane	*13.12 / 43.72*	*5000*	*N/A*	ND	PASS
Total Heptanes				2.967	
Cycloheptane	*0.597 / 1.989*		*N/A*	ND	
Benzene	*0.089 / 0.295*	*1*	*N/A*	ND	PASS
Toluene	*0.115 / 0.382*	*890*	*N/A*	ND	PASS
Cumene	*0.180 / 0.600*		*N/A*	ND	
1,3-Dimethylbenzene (m-Xylene) / 1,4-Dimethylbenzene (p-Xylene)	*0.451 / 1.502*		*N/A*	ND	
1,2-Dimethylbenzene (o-Xylene)	*0.387 / 1.289*		*N/A*	ND	
Ethylbenzene	*0.370 / 1.233*		*N/A*	ND	
Total Xylenes		*2170*		ND	PASS
Methanol	*53.92 / 163.4*	*3000*	*N/A*	ND	PASS
Ethanol	*8.984 / 27.23*		*±6.079*	389.70	
1-Propanol	*1.540 / 5.133*		*N/A*	ND	
2-Propanol (Isopropyl Alcohol)	*8.421 / 25.52*		*±0.423*	29.35	
1-Butanol	*0.475 / 1.582*		*N/A*	ND	
2-Butanol	*7.248 / 24.16*		*N/A*	ND	
1-Pentanol	*1.461 / 4.869*		*N/A*	ND	
Acetone	*10.59 / 32.08*	*5000*	*N/A*	ND	PASS
2-Butanone	*0.169 / 0.564*		*N/A*	ND	
Tetrahydrofuran	*0.622 / 2.075*		*N/A*	ND	
Ethyl Ether	*0.197 / 0.658*	*5000*	*N/A*	ND	PASS
Ethylene Glycol	*3.803 / 12.68*		*N/A*	ND	
2-Ethoxyethanol	*1.235 / 4.118*		*N/A*	ND	
1,2-Dimethoxyethane	*2.116 / 7.052*		*N/A*	ND	

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Residual Solvents Analysis
Continued

RESIDUAL SOLVENTS TEST RESULTS - 08/15/2025 *continued* PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
1,4-Dioxane	*0.468 / 1.558*		*N/A*	ND	
Ethylene Oxide	*0.253 / 0.844*	*1*	*N/A*	ND	PASS
Ethyl Acetate	*1.123 / 3.745*	*5000*	*N/A*	ND	PASS
Isopropyl Acetate	*0.347 / 1.158*		*N/A*	ND	
Chloroform	*0.251 / 0.838*	*1*	*N/A*	ND	PASS
Dichloromethane (Methylene Chloride)	*2.651 / 8.838*	*1*	*N/A*	ND	PASS
Trichloroethylene	*0.299 / 0.996*	*1*	*N/A*	ND	PASS
1,2-Dichloroethane	*0.162 / 0.541*	*1*	*N/A*	ND	PASS
1,1-Dichloroethene	*0.185 / 0.616*		*N/A*	ND	
1,2-Dichloroethene	*0.428 / 1.427*		*N/A*	ND	
Sulfolane	*47.66 / 158.9*		*N/A*	ND	
Dimethyl Sulfoxide	*6.168 / 20.56*		*N/A*	ND	
Acetonitrile	*1.595 / 4.833*	*410*	*N/A*	ND	PASS
Pyridine	*0.407 / 1.355*		*N/A*	ND	
N,N-Dimethylacetamide	*0.127 / 0.422*		*N/A*	ND	
N,N-Dimethylformamide	*0.946 / 3.153*		*N/A*	ND	

Heavy Metals Analysis

Heavy metal analysis utilizing inductively coupled plasma-mass spectrometry (ICP-MS).

Method: QSP 1160 - Analysis of Heavy Metals by ICP-MS

HEAVY METALS TEST RESULTS - 08/15/2025 PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Arsenic	*0.02 / 0.1*	*1.5*	*N/A*	ND	PASS
Cadmium	*0.02 / 0.05*	*0.5*	*N/A*	ND	PASS
Lead	*0.04 / 0.1*	*0.5*	*N/A*	ND	PASS
Mercury	*0.002 / 0.01*	*3*	*N/A*	ND	PASS

Microbiology Analysis

PCR AND PLATING

Analysis conducted by polymerase chain reaction (PCR) and fluorescence detection of microbiological contaminants.

Method: QSP 1221 - Analysis of Microbiological Contaminants

MICROBIOLOGY TEST RESULTS (PCR) - 08/16/2025 PASS

COMPOUND	ACTION LIMIT (cfu/g)	RESULT (cfu/g)	RESULT
Aspergillus flavus	*Not Detected in 1g*	ND	PASS
Aspergillus fumigatus	*Not Detected in 1g*	ND	PASS
Aspergillus niger	*Not Detected in 1g*	ND	PASS
Aspergillus terreus	*Not Detected in 1g*	ND	PASS
Bile-Tolerant Gram-Negative Bacteria		ND	
Campylobacter spp.		ND	
Candida albicans		ND	
Listeria monocytogenes		ND	
Pseudomonas aeruginosa		ND	
Salmonella spp.	*Not Detected in 10g*	ND	PASS
Shiga toxin-producing *Escherichia coli*	*Not Detected in 10g*	ND	PASS

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Microbiology Analysis *Continued*

PCR AND PLATING

MICROBIOLOGY TEST RESULTS (PCR) - 08/16/2025 *continued* PASS

COMPOUND	ACTION LIMIT (cfu/g)	RESULT (cfu/g)	RESULT
Staphylococcus aureus		ND	
Yersinia spp.		ND	

Analysis conducted by 3M™ Petrifilm™ and plate counts of microbiological contaminants.

Method: QSP 6794 - Plating with 3M™ Petrifilm™

MICROBIOLOGY TEST RESULTS (PLATING) - 08/16/2025 **ND**

COMPOUND	RESULT (cfu/g)
Coliforms	ND
Escherichia coli	ND
Total Aerobic Bacteria	ND
Total Enterobacteriaceae	ND
Total Yeast and Mold	ND

NOTES
Sample unit mass provided by client.