

Twenty One - Lucky 7 Blend - 5000mg Gummies - Strawberry

Sample ID: SA-250721-65622
 Batch: M4F09PS3
 Type: Finished Product - Ingestible
 Matrix: Edible - Gummy
 Unit Mass (g): 8.32534

Received: 07/23/2025
 Completed: 08/06/2025

Client
 Twenty One
 1291 Northwest 65th Pl
 Fort Lauderdale, FL 33309
 USA



Summary

Test
 Cannabinoids

Date Tested
 08/06/2025

Status
 Tested

0.287 % Δ9-THC	1.62 % Δ8-THC	5.19 % Total Cannabinoids	Not Tested Moisture Content	Not Tested Foreign Matter	Yes Internal Standard Normalization
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Generated By: Ryan Bellone
 Commercial Director
 Date: 08/25/2025



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Cannabinoids by HPLC-PDA and GC-MS/MS

Analyte	LOD (%)	LOQ (%)	Result (%)	Result (mg/unit)
CBC	0.00095	0.00284	ND	ND
CBCA	0.00181	0.00543	ND	ND
CBCV	0.0006	0.0018	ND	ND
CBD	0.00081	0.00242	0.00460	0.383
CBDA	0.00043	0.0013	<LOQ	<LOQ
CBDB	0.0067	0.02	ND	ND
CBDH	0.0067	0.02	ND	ND
CBDP	0.0067	0.02	ND	ND
CBDV	0.00061	0.00182	ND	ND
CBDVA	0.00021	0.00063	0.00300	0.250
CBG	0.00057	0.00172	ND	ND
CBGA	0.00049	0.00147	0.00940	0.783
CBL	0.00112	0.00335	ND	ND
CBLA	0.00124	0.00371	ND	ND
CBN	0.00056	0.00169	0.0262	2.18
CBNA	0.0006	0.00181	0.0586	4.88
CBNP	0.0067	0.02	ND	ND
CBT	0.0018	0.0054	0.00610	0.508
Δ4,8-iso-THC	0.0067	0.02	0.0395	3.29
Δ8-iso-THC	0.0067	0.02	<LOQ	<LOQ
Δ8-THC	0.00104	0.00312	1.62	135
Δ8-THCB	0.0067	0.02	ND	ND
Δ8-THCH	0.0067	0.02	ND	ND
Δ8-THCP	0.0067	0.02	<LOQ	<LOQ
Δ8-THCV	0.0067	0.02	ND	ND
Δ9-THC	0.00076	0.00227	0.287	23.9
Δ9-THCA	0.00084	0.00251	1.44	120
Δ9-THCB	0.0067	0.02	ND	ND
Δ9-THCH	0.0067	0.02	0.0679	5.65
Δ9-THCP	0.0067	0.02	0.0503	4.19
Δ9-THCV	0.00069	0.00206	0.00390	0.325
Δ9-THCVA	0.00062	0.00186	0.00740	0.616
exo-THC	0.0067	0.02	ND	ND
(6aR,9R,10aR)-HHC	0.0067	0.02	1.17	97.6
(6aR,9S,10aR)-HHC	0.0067	0.02	0.314	26.2
9R-H4-CBD	0.0067	0.02	0.0352	2.93
9S-H4-CBD	0.0067	0.02	<LOQ	<LOQ
9R-HHCH	0.0067	0.02	ND	ND
9R-HHCP	0.0067	0.02	0.0366	3.05
9S-HHCH	0.0067	0.02	ND	ND
9S-HHCP	0.0067	0.02	<LOQ	<LOQ
Total Δ9-THC			1.55	129
Total			5.19	432

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit; Δ = Delta; Total Δ9-THC = Δ9-THCA * 0.877 + Δ9-THC; Total CBD = CBDA * 0.877 + CBD;



 Generated By: Ryan Bellone
 Commercial Director
 Date: 08/25/2025



 Tested By: Scott Caudill
 Laboratory Manager
 Date: 08/06/2025

 ISO/IEC 17025:2017 Accredited
 Accreditation #108651


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Summary

Test	Date Tested	Status
Foreign Matter	07/29/2025	Tested
Heavy Metals	08/21/2025	Tested
Microbials	08/06/2025	Tested
Mycotoxins	08/05/2025	Tested
Pesticides	08/13/2025	Tested
Residual Solvents	08/01/2025	Tested

Not Tested Total Δ9-THC	Not Tested Total CBD	Not Tested Total Cannabinoids	Not Tested Moisture Content	Not Detected Foreign Matter	Yes Internal Standard Normalization
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Heavy Metals by ICP-MS

Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)
Arsenic	0.002	0.02	ND
Cadmium	0.001	0.02	ND
Lead	0.002	0.02	ND
Mercury	0.012	0.05	ND

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Generated By: Ryan Bellone
 Commercial Director
 Date: 08/21/2025



Tested By: Chris Farman
 Scientist
 Date: 08/21/2025



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Pesticides by LC-MS/MS and GC-MS/MS

Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)
Acephate	30	100	ND	Hexythiazox	30	100	ND
Acetamiprid	30	100	ND	Imazalil	30	100	ND
Aldicarb	30	100	ND	Imidacloprid	30	100	ND
Azoxystrobin	30	100	ND	Kresoxim methyl	30	100	ND
Bifenazate	30	100	ND	Malathion	30	100	ND
Boscalid	30	100	ND	Metalaxyl	30	100	ND
Captan	30	100	ND	Methiocarb	30	100	ND
Carbaryl	30	100	ND	Methomyl	30	100	ND
Carbofuran	30	100	ND	Mevinphos	30	100	ND
Chloranthraniliprole	30	100	ND	Myclobutanil	30	100	ND
Chlordane	30	100	ND	Naled	30	100	ND
Chlorfenapyr	30	100	ND	Oxamyl	30	100	ND
Chlorpyrifos	30	100	ND	Paclobutrazol	30	100	ND
Clofentezine	30	100	ND	Parathion methyl	30	100	ND
Coumaphos	30	100	ND	Pentachloronitrobenzene	30	100	ND
Cyfluthrin	30	100	ND	Phosmet	30	100	ND
Daminozide	30	100	ND	Piperonyl Butoxide	30	100	ND
Diazinon	30	100	ND	Prallethrin	30	100	ND
Dichlorvos	30	100	ND	Propiconazole	30	100	ND
Dimethoate	30	100	ND	Propoxur	30	100	ND
Dimethomorph	30	100	ND	Pyridaben	30	100	ND
Ethoprophos	30	100	ND	Spinetoram	30	100	ND
Etoxazole	30	100	ND	Spinosad	30	100	ND
Fenhexamid	30	100	ND	Spirotetramat	30	100	ND
Fenoxycarb	30	100	ND	Spiroxamine	30	100	ND
Fenpyroximate	30	100	ND	Tebuconazole	30	100	ND
Fipronil	30	100	ND	Thiacloprid	30	100	ND
Fonicamid	30	100	ND	Thiamethoxam	30	100	ND
Fludioxonil	30	100	ND	Trifloxystrobin	30	100	ND

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 Generated By: Ryan Bellone
 Commercial Director
 Date: 08/21/2025



 Tested By: Anthony Mattingly
 Scientist
 Date: 08/13/2025


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Mycotoxins by LC-MS/MS

Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)
B1	1	5	ND
B2	1	5	ND
G1	1	5	ND
G2	1	5	ND
Ochratoxin A	1	5	ND

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit; Values over action limits may be estimates



 Generated By: Ryan Bellone
 Commercial Director
 Date: 08/21/2025



 Tested By: Anthony Mattingly
 Scientist
 Date: 08/05/2025


Twenty One - Lucky 7 Blend - 5000mg Gummies - Strawberry

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Microbials by PCR and Plating

Analyte	LOD (CFU/g)	Result (CFU/g)	Result (Qualitative)
Total aerobic count	10	ND	
Aspergillus flavus	1		Not Detected per 1 gram
Aspergillus fumigatus	1		Not Detected per 1 gram
Aspergillus niger	1		Not Detected per 1 gram
Aspergillus terreus	1		Not Detected per 1 gram
Bile-tolerant gram-negative bacteria	10	ND	
Total coliforms	10	ND	
Generic E. coli	10	ND	
Salmonella spp.	1		Not Detected per 1 gram
Shiga-toxin producing E. coli (STEC)	1		Not Detected per 1 gram
Total yeast and mold count (TYMC)	10	ND	

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 Generated By: Ryan Bellone
 Commercial Director
 Date: 08/21/2025



 Tested By: Sara Cook
 Laboratory Technician
 Date: 08/06/2025


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Residual Solvents by HS-GC-MS

Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)
Acetone	167	500	ND	Ethylene Oxide	0.5	1	ND
Acetonitrile	14	41	ND	Heptane	167	500	ND
Benzene	0.5	1	ND	n-Hexane	10	29	ND
Butane	167	500	ND	Isobutane	167	500	ND
1-Butanol	167	500	ND	Isopropyl Acetate	167	500	ND
2-Butanol	167	500	ND	Isopropyl Alcohol	167	500	ND
2-Butanone	167	500	ND	Isopropylbenzene	167	500	ND
Chloroform	2	6	ND	Methanol	100	300	ND
Cyclohexane	129	388	ND	2-Methylbutane	10	29	ND
1,2-Dichloroethane	0.5	1	ND	Methylene Chloride	20	60	ND
1,2-Dimethoxyethane	4	10	ND	2-Methylpentane	10	29	ND
Dimethyl Sulfoxide	167	500	ND	3-Methylpentane	10	29	ND
N,N-Dimethylacetamide	37	109	ND	n-Pentane	167	500	ND
2,2-Dimethylbutane	10	29	ND	1-Pentanol	167	500	ND
2,3-Dimethylbutane	10	29	ND	n-Propane	167	500	ND
N,N-Dimethylformamide	30	88	ND	1-Propanol	167	500	ND
2,2-Dimethylpropane	167	500	ND	Pyridine	7	20	ND
1,4-Dioxane	13	38	ND	Tetrahydrofuran	24	72	ND
Ethanol	167	500	ND	Toluene	30	89	ND
2-Ethoxyethanol	6	16	ND	Trichloroethylene	3	8	ND
Ethyl Acetate	167	500	ND	Xylenes (o-, m-, and p-)	73	217	ND
Ethyl Ether	167	500	ND				
Ethylbenzene	3	7	ND				

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 Generated By: Ryan Bellone
 Commercial Director
 Date: 08/21/2025



 Tested By: Kelsey Rogers
 Scientist
 Date: 08/01/2025
