



Technical Certification Standards Pesticides Panel February 2025

ECCO Certified (CAT4) California Cannabis

Cannabis products that pass all 138 listed analytes of the ECCO Technical Certification Standard with an Anresco or Infinite Laboratory COA, confirm a Licensed California Brand's retail-purchased consumer product is ECCO Certified (CAT4) Cannabis, and that the Brand will be confirmed with monthly audits of retail-purchased samplings and tests. Additional labs that meet the ECCO Certified (CAT4) screening requirements will be added and featured to the list of approved labs. If your lab meets these requirements, please email info@eccocert.org to begin the free onboarding and verification process.

#	Category 1 Pesticides (California Department of Cannabis Control)	Limit (PPM)
1	Aldicarb	0.030
2	Carbofuran	0.030
3	Chlordane	0.030
4	Chlorfenapyr	0.030
5	Chlorpyrifos	0.030
6	Coumaphos	0.030
7	Daminozide	0.030
8	Dichlorvos	0.030
9	Dimethoate	0.030
10	Ethoprophos	0.030
11	Etofenprox	0.030
12	Fenoxycarb	0.030
13	Fipronil	0.030
14	Imazalil	0.030
15	Methiocarb	0.030
16	Mevinphos	0.030
17	Paclobutrazol	0.030
18	Parathion Methyl	0.030
19	Propoxur	0.030
20	Spiroamine	0.030
21	Thiacloprid	0.030



#	Category 2 Pesticides (California Department of Cannabis Control)	Limit (PPM)
1	Abamectin	0.100
2	Acephate	0.100
3	Acequinocyl	0.100
4	Acetamiprid	0.100
5	Azoxystrobin	0.100
6	Bifenazate	0.100
7	Bifenthrin	3.000
8	Boscalid	0.100
9	Captan	0.700
10	Carbaryl	0.500
11	Chlorantraniliprole	10.00
12	Clofentezine	0.100
13	Cyfluthrin	2.000
14	Cypermethrin	1.000
15	Diazinon	0.100
16	Dimethomorph	2.000
17	Etoxazole	0.100
18	Fenhexamid	0.100
19	Fenpyroximate	0.100
20	Flonicamid	0.100
21	Fludioxonil	0.100
22	Hexythiazox	0.100
23	Imidacloprid	0.100
24	Kresoxim Methyl	0.100
25	Malathion	0.500
26	Metalaxyl	2.000
27	Methomyl	1.000
28	Myclobutanil	0.100
29	Naled	0.100
30	Oxamyl	0.500
31	Pentachloronitrobenzene	0.050
32	Permethrin	0.500
33	Phosmet	0.100
34	Piperonyl Butoxide	3.000
35	Prallethrin	0.100
36	Propiconazole	0.100
37	Pyrethrins	0.500
38	Pyridaben	0.100
39	Spinetoram	0.100
40	Spinosad	0.100
41	Spiromesifen	0.100
42	Spirotetramat	0.100
43	Tebuconazole	0.100
44	Thiamethoxam	5.000
45	Trifloxystrobin	0.100



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#	ECCO '25 Additional Analytes	Limit (PPM)
1	2-Phenylphenol	0.250
2	3,4-Dichloroaniline	0.250
3	Acetochlor	0.500
4	Alachlor	0.250
5	Ametryn	0.500
6	Aminocarb	0.250
7	Anthraquinone	0.250
8	Azadirachtin	3.000
9	Biphenyl	0.250
10	Buprofezin	0.500
11	Carbendazim	0.500
12	Chlorthal-dimethyl (DCPA)	0.500
13	Clothianidin	0.250
14	Cyantraniliprole	0.500
15	Cycloate	0.500
16	Cyprodinil	0.500
17	Cyromazine	0.500
18	Diclobutrazol	0.500
19	Diiflubenzuron	0.500
20	Dinotefuran	0.500
21	Diphenylamine	0.500
22	Diuron	0.500
23	Ethirimol	0.500
24	Fensulfothion	0.100
25	Fenthion	0.100
26	Fenvalerate	0.250
27	Fluopyram	0.500
28	Flutriafol	0.500
29	Formetanate HCl	0.100
30	Hexaconazole	0.500
31	Hydramethylnon	0.500
32	Indoxacarb	0.500
33	Mandipropamid	0.500
34	Metaflumizone	0.500
35	Methoprene	0.500
36	Methoxyfenozide	0.500
37	Metolachlor	0.250
38	MGK 264	0.500
39	Novaluron	0.500
40	Nuarimol	0.500
41	o,p'-DDD	0.100
42	o,p'-DDE	0.100
43	o,p'-DDT	0.100
44	p,p'-DDD	0.100



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46	p,p'-DDT	0.100
47	Pendimethalin	0.500
48	Pentachloroaniline	0.100
49	Pentachloroanisole	0.500
50	Pentachlorobenzene	0.100
51	Pentachlorobenzonitrile	0.500
52	Phenothrin	0.250
53	Prometryne	0.500
54	Propamocarb	0.500
55	Propargite	0.500
56	Propyzamide	0.500
57	Pymetrozine	0.500
58	Pyraclostrobin	0.500
59	Pyrimethanil	0.500
60	Pyriproxyfen	0.500
61	Quinoxifen	0.500
62	Spirodiclofen	0.500
63	Sulfoxaflor	0.250
64	Terbutryn	0.250
65	Thiabendazole	0.250
66	Tau-Fluvalinate	0.500
67	Thiobencarb	0.500
68	Tricyclazole	0.500
69	Triflumizole	0.500
1	Vitamin E Acetate	100.000
2	MCT Oil	100.000
3	Synthetically Produced THC*	0.000

* Synthetically produced THC: Definitions and Limitations

Synthetically produced THC is defined as a detection of unintended, unnatural THC isomers that would not otherwise be found in real cannabis. The limit for synthetically produced THC is "no allowable detection", similar to a Category 1 pesticide, in accordance with pass / criteria established by labs that offer and certify this test.

Method of Testing: Testing will take place for residual solvents that are uniquely used in the synthetic production of THC from CBD.

* February 2025 Revisions:

- Tech Standard Limit for MCT Oil to be raised from 10 ppm to 100 ppm
- Tech Standard Limit for Vit E Acetate to be raised from 10 ppm to 100 ppm