



FSOil LLC, 33739 S Meridian Rd., Woodburn, OR, 97071

Visit us at <https://fsoil.com/>

Email: info@fsoil.com

Phone: 503-634-2463

Certificate of Analysis

PRODUCT NAME:	FSO Whole: Certified Organic Industrial Hemp Whole Spectrum Extract		
BATCH CONTROL ID:	722-40007 (2 of 3)	TESTING LAB:	Columbia Laboratories

Parameter	Specification	Result
APPEARANCE	Brown to Amber Viscous Liquid	PASS
ODOR	Pungent and earthy, free of harsh odors	PASS
CONSISTENCY	Viscous	PASS
SOLUBILITY	Soluble in edible oils and alcohols	PASS

POTENCY	PER GRAM	%
Cannabidiol (CBD)	678 mg	67.8%
Total THC (d9-THC, d8-THC, THCA)	<LOQ	<LOQ
Cannabigerol (CBG)	13.4 mg	1.34%
Cannabinol (CBN)	14.2 mg	1.42%
Cannabichromene (CBC)	21.3 mg	2.13%

Microbial		
Analyte	Limit	Result
Total Yeast and Molds	<10 ³ CFU/g	PASS

Pesticides					
Analyte	Limit PPB	Result	Analyte	Limit PPB	Result
Abamectin	500	PASS	Imazalil	200	PASS
Acephate	400	PASS	Imidacloprid	400	PASS
Acequinocyl	2000	PASS	Kresoxim Methyl	400	PASS
Acetamiprid	200	PASS	Malathion	200	PASS
Aldicarb	400	PASS	Metalaxyl	200	PASS
Azoxystrobin	200	PASS	Methiocarb	200	PASS
Bifenazate	200	PASS	Methomyl	400	PASS
Bifenthrin	200	PASS	Methyl Parathion	200	PASS
Boscalid	400	PASS	MGK-264	200	PASS

This FSOil product has been tested by an ISO 17025 or NELAP certified laboratory. Results have been verified by Quality Control to meet all product specifications.

Pesticides					
Analyte	Limit PPB	Result	Analyte	Limit PPB	Result
Carbaryl	200	PASS	Myclobutanil	200	PASS
Carboufuran	200	PASS	Naled	500	PASS
Chlorantraniliprole	200	PASS	Oxamyl	1000	PASS
Chlorfenapyr	1000	PASS	Paclobutrazol	400	PASS
Chlorpyrifos	200	PASS	Permethrins	200	PASS
Clofentezine	200	PASS	Phosmet	200	PASS
Cyfluthrin	1000	PASS	Piperonyl Butoxide	2000	PASS
Cypermethrin	1000	PASS	Prallethrin	200	PASS
Daminozide	1000	PASS	Propiconazole	400	PASS
Diazinon	200	PASS	Propoxur	200	PASS
Dichlorvos	1000	PASS	Pyrethrins	1000	PASS
Dimethoate	200	PASS	Pyridaben	200	PASS
Ethoprophos	200	PASS	Spinosad	200	PASS
Etofenprox	400	PASS	Spiromesifen	200	PASS
Etoxazole	200	PASS	Spirotetramat	200	PASS
Fenoxycarb	200	PASS	Spiroxamine	400	PASS
Fenpyroximate	400	PASS	Tebuconazole	400	PASS
Fipronil	400	PASS	Thiacloprid	200	PASS
Flonicamid	1000	PASS	Thiamethoxam	200	PASS
Fludioxonil	400	PASS	Trifloxystrobin	200	PASS
Hexythiazox	1000	PASS			

Residual Solvents					
Solvent	Limit PPM	Result	Solvent	Limit PPM	Result
Ethanol	5000	PASS	Ethyl ether	5000	PASS
1,4-Dioxane	380	PASS	Ethylene glycol	620	PASS
2-Butanol	5000	PASS	Ethylene Oxide	50	PASS
2-Ethoxyethanol	160	PASS	Heptane	5000	PASS
2-Propanol (IPA)	5000	PASS	Hexanes	290	PASS
Acetone	5000	PASS	Isopropyl acetate	5000	PASS
Acetonitrile	410	PASS	Methanol	3000	PASS
Benzene	2	PASS	Pentanes	5000	PASS
Butanes	5000	PASS	Propane	5000	PASS
Cumene	70	PASS	Tetrahydrofuran	720	PASS
Cyclohexane	3880	PASS	Toluene	890	PASS
Dichloromethane	600	PASS	Xylenes	2170	PASS
Ethyl acetate	5000	PASS			

This FSOil product has been tested by an ISO 17025 or NELAP certified laboratory. Results have been verified by Quality Control to meet all product specifications.