

BIOSYYD, UAB

A. Juozapavičiaus pr. 7B

LT-45251 Kaunas, Lithuania

Phone: +370 678 34363

VAT: LT100011778216

Email Address: info@biossyd.com

Point of Contact: Quality Control Manager

Sample Name: Sample 20201104-2
 Sample ID: Sample 20201104-2
 Batch No.: 78
 Sample Type: Mixture of CBD frac.

Date Collected: 2020-11-04
 Date Received: 2020-11-04
 Date Analyzed: 2020-11-04

Overall result for Batch 78: Pass

Microbials

Approved

Mycotoxins

Approved

Pesticides

Approved

Heavy Metals

Approved

Solvents

Approved

Relative concentration of cannabinoids

Analyzed by HPLC

	Target, %	Result, %
CBD	≥20	21,016
D9-THC + D8-THC	≤0,2	0,179

Pass

Total Quantity of Cannabinoids:	22,36
---------------------------------	-------

Compound	Mass, %	Quantity, mg/g	Relative concentration, %
CBD	21,016	210,160	21,016
CBDa	<LOD	<LOD	0,000
CBDV	0,158	1,580	0,158
CBG	0,491	4,910	0,491
CBGa	<LOD	<LOD	0,000
CBC	0,356	3,560	0,356
CBN	0,160	1,600	0,160
D8-THC	<LOD	<LOD	0,000
D9-THC	0,179	1,790	0,179
THCa	<LOD	<LOD	0,000
THCV	<LOD	<LOD	0,000

*Total CBD = 0,877 x CBDa + CBD; Total THC = 0,877 x THCa + D9-THC + D8-THC

Dr. SPs

Quality Control

The reported result is based on a sample weight with the applicable moisture content for that sample. LOQ = Limit of Quantitation. ND = Not Detected. This product has been tested using valid testing methodologies and a quality system. Values reported relate only to the product tested. The uncertainty of measurement associated with the measurement result reported in this certificate is available from the organization upon request. This Certificate shall not be reproduced except in full, without the written approval of UAB "Biossyd" Lab.






Sample Name: Sample 20201104-2
 Sample ID: Sample 20201104-2
 Batch No.: 78
 Sample Type: Mixture of CBD frac.

Date Collected: 2020-11-04
 Date Received: 2020-11-04
 Date Analyzed: 2020-11-04

Overall result for Batch 78: Pass

Terpenes

Analyzed by GC/FID

Compound	Mass, %	Quantity, mg/g	Relative concentration
α -Pinene	0,67	6,68	 0,67
Camphene	<LOD	<LOD	0,00
β -Myrcene	0,21	2,10	 0,21
β -Pinene	<LOD	<LOD	0,00
δ -3-Carene	<LOD	<LOD	0,00
α -Terpinene	<LOD	<LOD	0,00
Ocimene 1	<LOD	<LOD	0,00
D-Limonene	0,74	7,40	 0,74
<i>p</i> -Cymene	<LOD	<LOD	0,00
Ocimene 2	<LOD	<LOD	0,00
Eucalyptol	<LOD	<LOD	0,00
γ -Terpinene	<LOD	<LOD	0,00
Terpinolene	<LOD	<LOD	0,00
Linalool	0,15	1,45	 0,15
Geraniol	<LOD	<LOD	0,00
β -Caryophyllene	0,04	0,35	 0,04
α -Humulene	<LOD	<LOD	0,00
Guaiol	<LOD	<LOD	0,00
Total:	1,798	17,98	

Dr. SPs

Quality Control

The reported result is based on a sample weight with the applicable moisture content for that sample. LOQ = Limit of Quantitation. ND = Not Detected. This product has been tested using valid testing methodologies and a quality system. Values reported relate only to the product tested. The uncertainty of measurement associated with the measurement result reported in this certificate is available from the organization upon request. This Certificate shall not be reproduced except in full, without the written approval of UAB "Biossyd" Lab.

Sample Name: Sample 20201104-2
 Sample ID: Sample 20201104-2
 Batch No.: 78
 Sample Type: Mixture of CBD frac.

Date Collected: 2020-11-04
 Date Received: 2020-11-04
 Date Analyzed: 2020-11-04

Overall result for Batch 78: Pass

Residual Solvents

Analyzed by GC/FID

Pass

Element	LOQ, PPM	Limit, PPM	ss, PPM	Status
n-Pentane	58	500	<LOQ	Pass
Ethanol	58	500	<LOQ	Pass
Diethyl ether	58	500	<LOQ	Pass
Acetone	58	500	<LOQ	Pass
2-Propanol	58	500	<LOQ	Pass
1-Propanol	58	500	<LOQ	Pass
Ethyl acetate	58	500	<LOQ	Pass
2-Butanol	58	500	<LOQ	Pass
Isobutanol	58	500	<LOQ	Pass
n-Heptane	58	500	<LOQ	Pass
1-Butanol	58	500	<LOQ	Pass
Propyl acetate	58	500	<LOQ	Pass
1-Pentanol	58	500	<LOQ	Pass
Butyl acetate	58	500	<LOQ	Pass

Microbials

Analyzed by:
 ISO 4833-1:2013;
 ISO 21527-2:2009;
 ISO 9308-1:2014

Pass

Component	Limit, CFU/g	Mass, CFU/g	Status
Yeast	<10	<10	Pass
Molds	<10	<10	Pass
E. Coli.	N.D.	N.D.	Pass
Salmonella	N.D.	N.D.	Pass

Mycotoxins

Analyzed by:
 SDP 5.4.4. CH.20

Pass

Mycotoxin	LOQ, PPB	Limit, PPB	Mass, PPB	Status
Aflatoxins	4	20	<LOQ	Pass
Ochratoxin A	2	20	<LOQ	Pass

Heavy Metals

Analyzed by:
 EN 14084:2003

Pass

Element	LOQ, PPB	Limit, PPB	Mass, PPB	Status
Arsenic	56	2000	<LOQ	Pass
Cadmium	56	820	<LOQ	Pass
Lead	56	1200	<LOQ	Pass
Mercury	56	400	<LOQ	Pass

Dr. SPs

Quality Control

The reported result is based on a sample weight with the applicable moisture content for that sample. LOQ = Limit of Quantitation. ND = Not Detected. This product has been tested using valid testing methodologies and a quality system. Values reported relate only to the product tested. The uncertainty of measurement associated with the measurement result reported in this certificate is available from the organization upon request. This Certificate shall not be reproduced except in full, without the written approval of UAB "Biossyd" Lab.

Sample Name: Sample 20201104-2
 Sample ID: Sample 20201104-2
 Batch No.: 78
 Sample Type: Mixture of CBD frac.

Date Collected: 2020-11-04
 Date Received: 2020-11-04
 Date Analyzed: 2020-11-04

Overall result for Batch 78: Pass

Pesticides

Analyzed by EN 15662:2008

Acrinathrin Azoxystrobin Biphenhin Bitertanol Biphenyl Bromopropylate Bromuconazole Bupirimate Cadusafos Captafol Captan Chlorphenson Chlorfenapyr Chlorfenvinphos Chlorothalonil Chlorprophame 3,5-Dichloraniline Chlorpyrifos Chlorpyrifos-methyl Chlorthal-dimethyl Cyfluthrin Cypermethrin Cyproconazole Cyprodinil Clomazone o,p-DDE P,P-DDE o,p-DDD P,P-DDD o,p-DDT p,p-DDT Deltamethri Diazinon Diclofop-methyl Dieldrin Dichlobenil Dichlofluanid Dichlorvos Dicloran Dicofof Dicrotophos Diethofencarb Diflubenzuron Dimetachlor Diniconazole Dodemorph Diphenylamine Alpha-Endosulfan Beta-Endosulfan Endosulfan-sulphate Ethion Etofumesate Ethoprophos Ehtoxyquin Etoxazole Etridiazole Etrimphos Famoxadone Fenarimol Fenazaquin Fenchlorphos Fenhexamid Fenithothion Fenpropidin Fenpropimorph Fenvalerate Formothion Fipronil Fipronil-sulfone Fludioxonil Flusilazole Flutriafol Folpet Fuberidazole Furathiocarb Hexaconazole HCB Alpha-HCH Beta-HCH Delta-HCH Heptachlor Heptachlor-epoxidceis Heptachlorepoxytreans Iprodione Iprovalicarb Lambda-cyhalothrin Lindane Mecarbam Metalaxv Metazachlor Methidathion Metribuzin Mevinphos Myclobutanil Nuarimol Orthophenylphenol Oxadixyl Paclbutrazol Parathion Parathion-methyl Paraoxonmethyl Paraoxon-ethyl Penconazole Pendimethaline Permethrin Phenthoate Phorate Procymidone Profenofos Propiconazole Propyzamide Pyrazophos Pyrethrins Pyridaben Pyrimethanil Pyriproxyfen Quinoxifen Quitozene Pentachloraniline Phosphamidon Pyrifenox Prometryn Propanil Propoxur Proquinazid Prothiofos Simazine Spiroxamine T au-fluvalinate T ebuconazole T ebufenpyrad T ecnazene T efluthrin T erbuthylazine T etraconazole T etradifon T etramethrine T olclofos-methyl T olyfluanid Transfluthrin Triadimephon Triadimenol Trialate Trifloxystrobin Triflumizole Vinclozolin DDT isomersum Heptachlor (heptachloarnd heptachloer poxidsum) Trifluraline Chlorbenzilate 3-Chloraniline Abamectin (AvermectinBla and AvermectinBlb sum) Acetamidrid Aldicarb Aldikarbsulphone Aldikarbsulphoxide Azinphos-ethyl Azinphos-methyl Benalaxyl Benfuracarb Boscalid Buprofezin Carbaryl Carbendazim Carbofuran 3-hydroksicarbofuran Carbosulfan Chloridazon Cymoxanil Clofentezin Clothianidin Demeton-S-methyl Demeton-S-methylsulfoxid Diafenthion Difenconazole Dimethoate Dimethomorph Diuron EPN Epoxiconazole Ethirimol Etofenprox Fenamidone Fenbuconazole Fenbutatinoxid Fenoxycarb Fenpyroximate Fenpropathrin Fensulfotion Fenthion Fenthionsulphone Fenthionsulphoxide Fluazinam Flufenoxuron Fluquinconazole Fonofos Formetanate Fosthiazate Hexythiazox Imazalil Imidaclopid Indoxacarb Isufenphos Methacrifos Isufenphosmethyl Krezoxim-methyl Linuron Lufenuron Malaaxon Malathion Mepanipirim Mepronil Metamitron Metconazole Methamidophos Methiocarb Methiocarbsulphone Methiocarbsulfoxide Methomyl Methoxyfenozide Metobromuron Monocrotophos Monolinuron Omethoate Oxamyl Pencycuron Phenmedipham Phosalone Phosmet Phosmeot xon Phoxim Pymetrozine Piperonylbutoxide Pyraclostrobin Pyridaphenthion Pyridate Pyrifenox Pirimicarb Pirimicarbdesmethyl Pirimiphos-methyl Primisulfuron-methyl Prochloraz Propamocarb Propargite Prothioconazole Prothioconazole-desthio Quinalphos SpinosynA SpinosynD Sulfotep T ebufenozide T eflubenzuron Thiabendazole Thiachlorid Thiamethoxam Thiodicar Thiophanatemethyl Tralkoxydim Triazophos Trichlorfon Triflumuron Triflorine Triticonazole Zoxamide Acephate Amitraz Fenamiphos Fenamiphosulphone Fenamiphosulfoxid Nitempiram Fenthionoxonsulphone Fenthionoxonsulfoxid Kumapho Piriiphenox Mehibuzine DEET

Dr. SPs

Quality Control

The reported result is based on a sample weight with the applicable moisture content for that sample. LOQ = Limit of Quantitation. ND = Not Detected. This product has been tested using valid testing methodologies and a quality system. Values reported relate only to the product tested. The uncertainty of measurement associated with the measurement result reported in this certificate is available from the organization upon request. This Certificate shall not be reproduced except in full, without the written approval of UAB "Biossyd" Lab.