



PO Box 565
 Spanish Fork, UT 84660
 (801) 210-2084

Report Number: 190426 032-01
 Date Reported: 5/3/2019

Sample Details

Product #: 308623
 Description: Nhanced CBD Roll On Gel
 Lot #: 20210423W1A
 Received: 4/26/2019 12:03:43 PM
 Sample Details: 40694

Customer Informatio

Morinda BioActives, Inc
 737 E 1180 S
 American Fork, UT 84003

Certificate of Analysis

Microbiology	Method	Specifications	Result	Units
Total Plate Count	USP <2021>	<10	<10	cfu/g
E.coli	Biolumix	None Detected	None Detected	cfu/10g
Staphylococcus aureus	Biolumix	None Detected	None Detected	cfu/10g
Yeasts & Molds	Biolumix	<10	<10	cfu/g
Candida albicans	USP <62>	None Detected	None Detected	cfu/10g
Pseudomonas aeruginosa	Biolumix	Negative	Negative	cfu/10g

Report Approved by: Joel Nelson
 Joel Nelson
 Laboratory Manager

*= Please review Client Specifications

Report Numbers that have been revised or amended will include a revision number.

This Report is provided for the exclusive use of the addressee. Summit accepts no responsibility/liability except for the due performance of inspection and/or analysis in good faith.

Certificate of Analysis

Morinda

Sample Name:	Nhanced CBD Roll On Gel	Eurofins Sample:	8406155
Project ID	MORINDA-20190501-0012	Receipt Date	01-May-2019
PO Number	CVD	Receipt Condition	Ambient temperature
Sample Serving Size		Login Date	01-May-2019
Description	SampleID 40694 20210423W1A	Date Started	01-May-2019

Analysis

Industrial Hemp Cannabinoid Profile

	Result
CBDVA	<0.00250 %
CBDV	<0.00250 %
CBDA	<0.00250 %
CBGA	<0.00250 %
CBG	<0.00250 %
CBD	0.224 %
THCV	<0.00250 %
CBN	<0.00250 %
Delta 9-THC	0.00907 %
Delta 8-THC	<0.00500 %
THCA	<0.00250 %
CBC	<0.00250 %
Total Cannabinoids	0.233 %

Metals Analysis by ICP-MS

Arsenic	<0.0791 ppm
Cadmium	<0.0198 ppm
Lead	<0.0198 ppm
Mercury	<0.00989 ppm

Mycotoxins in Raw Materials

Aflatoxin B1	<0.500 ppb
Aflatoxin B2	<0.500 ppb
Aflatoxin G1	<0.500 ppb
Aflatoxin G2	<0.500 ppb
Aflatoxin M1	<0.500 ppb
Aflatoxin M2	<0.500 ppb
Deoxynivalenol	<100 ppb
T-2 Toxin	<10.0 ppb
HT-2 Toxin	<100 ppb
Fumonisin B1	<25.0 ppb
Fumonisin B2	<25.0 ppb
Ochratoxin A	<1.00 ppb
Zearalenone	<30.0 ppb

Multi-Residue Analysis for hemp products - 500+ compounds

Matrix Type - To Determine Limit of Quantification (LOQ)

High-Fat Food Matrices

* This analysis or component is not ISO accredited.

Certificate of Analysis

Morinda

Sample Name:	Nhanced CBD Roll On Gel	Eurofins Sample:	8406155
Project ID	MORINDA-20190501-0012	Receipt Date	01-May-2019
PO Number	CVD	Receipt Condition	Ambient temperature
Sample Serving Size		Login Date	01-May-2019
Description	SampleID 40694 20210423W1A	Date Started	01-May-2019

Analysis

Result

Multi-Residue Analysis for hemp products - 500+ compounds

Abamectin	<0.05 mg/kg
Acephate	<0.05 mg/kg
Acetamiprid	<0.05 mg/kg
Acetochlor	<0.05 mg/kg
Acibenzolar-S-methyl	<0.05 mg/kg
Aclonifen	<0.05 mg/kg
Acrinathrin	<0.05 mg/kg
Alachlor	<0.05 mg/kg
Aldicarb	<0.05 mg/kg
Aldicarb sulfone (Aldoxycarb)	<0.05 mg/kg
Aldicarb sulfoxide	<0.05 mg/kg
Aldrin	<0.05 mg/kg
Allethrin	<0.05 mg/kg
Ametryn	<0.05 mg/kg
Amidosulfuron	<0.05 mg/kg
Aminocarb	<0.05 mg/kg
Amitraz metabolite DMF	<0.05 mg/kg
Amitraz metabolite DMPF	<0.05 mg/kg
Anilofos	<0.05 mg/kg
Atrazine	<0.05 mg/kg
Azaconazole	<0.05 mg/kg
Azamethiphos	<0.05 mg/kg
Azinphos-ethyl	<0.05 mg/kg
Azinphos-methyl	<0.05 mg/kg
Azoxystrobin	<0.05 mg/kg
Beflubutamid	<0.05 mg/kg
Benalaxyl	<0.05 mg/kg
Bendiocarb	<0.05 mg/kg
Benfluralin	<0.05 mg/kg
Benoxacor	<0.05 mg/kg
Benzoximate	<0.05 mg/kg
Bifenazate	<0.05 mg/kg
Bifenox	<0.05 mg/kg
Bifenthrin	<0.05 mg/kg

* This analysis or component is not ISO accredited.

Certificate of Analysis

Morinda

Sample Name:	Nhanced CBD Roll On Gel	Eurofins Sample:	8406155
Project ID	MORINDA-20190501-0012	Receipt Date	01-May-2019
PO Number	CVD	Receipt Condition	Ambient temperature
Sample Serving Size		Login Date	01-May-2019
Description	SampleID 40694 20210423W1A	Date Started	01-May-2019

Analysis

Multi-Residue Analysis for hemp products - 500+ compounds

	Result
Bispyribac	<0.05 mg/kg
Bitertanol	<0.05 mg/kg
Bixafen	<0.05 mg/kg
Boscalid	<0.05 mg/kg
Bromacil	<0.05 mg/kg
Bromophos-ethyl	<0.05 mg/kg
Bromophos-methyl	<0.05 mg/kg
Bromopropylate	<0.05 mg/kg
Bromuconazole (2 diastereoisomers)	<0.05 mg/kg
Bupirimate	<0.05 mg/kg
Buprofezin	<0.05 mg/kg
Butachlor	<0.05 mg/kg
Butafenacil	<0.05 mg/kg
Butocarboxim	<0.05 mg/kg
Butocarboxim sulfoxide	<0.05 mg/kg
Butoxycarboxim	<0.05 mg/kg
Butylate	<0.05 mg/kg
Cadusafos	<0.05 mg/kg
Carbaryl	<0.05 mg/kg
Carbendazim	<0.05 mg/kg
Carbetamide	<0.05 mg/kg
Carbofuran	<0.05 mg/kg
Carbofuran-3-hydroxy-	<0.05 mg/kg
Carbophenothion	<0.05 mg/kg
Carboxin	<0.05 mg/kg
Carfentrazone-ethyl	<0.05 mg/kg
Chlorantraniliprole	<0.05 mg/kg
Chlorbromuron	<0.05 mg/kg
Chlordane, cis-	<0.05 mg/kg
Chlordane, trans-	<0.05 mg/kg
Chloridimeform	<0.05 mg/kg
Chlorfenapyr	<0.05 mg/kg
Chlorfenvinphos (E- and Z-isomers)	<0.05 mg/kg
Chloridazon (Pyrazon)	<0.05 mg/kg

* This analysis or component is not ISO accredited.

Printed: 10-May-2019 4:31 pm

Page 3 of 19

Certificate of Analysis

Morinda

Sample Name:	Nhanced CBD Roll On Gel	Eurofins Sample:	8406155
Project ID	MORINDA-20190501-0012	Receipt Date	01-May-2019
PO Number	CVD	Receipt Condition	Ambient temperature
Sample Serving Size		Login Date	01-May-2019
Description	SampleID 40694 20210423W1A	Date Started	01-May-2019

Analysis

Result

Multi-Residue Analysis for hemp products - 500+ compounds

Chlorimuron-ethyl (Classic)	<0.05 mg/kg
Chlorobenzilate	<0.05 mg/kg
Chlorotoluron (Chlortoluron)	<0.05 mg/kg
Chloroxuron	<0.05 mg/kg
Chlorpropham (CIPC)	<0.05 mg/kg
Chlorpyrifos	<0.05 mg/kg
Chlorpyrifos-methyl	<0.05 mg/kg
Chlorsulfuron	<0.05 mg/kg
Clethodim (E- and Z-isomers)	<0.05 mg/kg
Clodinafop-propargyl	<0.05 mg/kg
Clofentezine	<0.05 mg/kg
Clomazone	<0.05 mg/kg
Cloquintocet-mexyl	<0.05 mg/kg
Clóthianidin	<0.05 mg/kg
Coumaphos	<0.05 mg/kg
Cyanazine	<0.05 mg/kg
Cyanofenphos	<0.05 mg/kg
Cyazofamid	<0.05 mg/kg
Cycloate	<0.05 mg/kg
Cycloxydim	<0.05 mg/kg
Cycluron	<0.05 mg/kg
Cyflufenamid	<0.05 mg/kg
Cyfluthrin	<0.05 mg/kg
Cymiazole	<0.05 mg/kg
Cymoxanil	<0.05 mg/kg
Cypermethrin	0.25 mg/kg
Cyproconazole (2 diastereoisomers)	<0.05 mg/kg
Cyprodinil	<0.05 mg/kg
Cyromazine	<0.05 mg/kg
Dacthal (Chlorthal-dimethyl, DCPA)	<0.05 mg/kg
DDD, o,p'-	<0.05 mg/kg
DDD, p,p'-	<0.05 mg/kg
DDE, o,p'-	<0.05 mg/kg
DDE, p,p'-	<0.05 mg/kg

* This analysis or component is not ISO accredited.

Certificate of Analysis

Morinda

Sample Name:	Nhanced CBD Roll On Gel	Eurofins Sample:	8406155
Project ID:	MORINDA-20190501-0012	Receipt Date:	01-May-2019
PO Number:	CVD	Receipt Condition:	Ambient temperature
Sample Serving Size:		Login Date:	01-May-2019
Description:	SampleID 40694 20210423W1A	Date Started:	01-May-2019

Analysis	Result
Multi-Residue Analysis for hemp products - 500+ compounds	
DDT, o,p'-	<0.05 mg/kg
DDT, p,p'-	<0.05 mg/kg
DEET (Diethyltoluamide)	<0.05 mg/kg
Deltamethrin	<0.05 mg/kg
Demeton-O	<0.05 mg/kg
Demeton-S	<0.05 mg/kg
Demeton-S-methyl	<0.05 mg/kg
Demeton-S-methyl sulfone	<0.05 mg/kg
Desmedipham	<0.05 mg/kg
Dialifos (Dialifor)	<0.05 mg/kg
Diazinon	<0.05 mg/kg
Diazinon oxon	<0.05 mg/kg
Dichlobenil	<0.05 mg/kg
Dichlofenthion	<0.05 mg/kg
Dichlofluanid	<0.05 mg/kg
Dichlorvos	<0.05 mg/kg
Diclobutrazol	<0.05 mg/kg
Diclocymet (2 diastereoisomers)	<0.05 mg/kg
Dicloran (DCNA)	<0.05 mg/kg
Dicrotophos	<0.05 mg/kg
Dieldrin	<0.05 mg/kg
Diethofencarb	<0.05 mg/kg
Difenoconazole (cis- and trans-)	<0.05 mg/kg
Diflubenzuron	<0.05 mg/kg
Diflufenican	<0.05 mg/kg
Dimethachlor	<0.05 mg/kg
Dimethametryn	<0.05 mg/kg
Dimethenamid	<0.05 mg/kg
Dimethoate	<0.05 mg/kg
Dimethomorph (E- and Z-isomers)	<0.05 mg/kg
Dimetilan	<0.05 mg/kg
Dimoxystrobin	<0.05 mg/kg
Diniconazole	<0.05 mg/kg
Dinitramine	<0.05 mg/kg

* This analysis or component is not ISO accredited.

Certificate of Analysis

Morinda

Sample Name:	Nhanced CBD Roll On Gel	Eurofins Sample:	8406155
Project ID	MORINDA-20190501-0012	Receipt Date	01-May-2019
PO Number	CVD	Receipt Condition	Ambient temperature
Sample Serving Size		Login Date	01-May-2019
Description	SampleID 40694 20210423W1A	Date Started	01-May-2019

Analysis	Result
Multi-Residue Analysis for hemp products - 500+ compounds	
Dinotefuran	<0.05 mg/kg
Dioxacarb	<0.05 mg/kg
Diphenamid	<0.05 mg/kg
Diphenylamine	<0.05 mg/kg
Dipropetryn	<0.05 mg/kg
Disulfoton	<0.05 mg/kg
Disulfoton sulfone	<0.05 mg/kg
Disulfoton sulfoxide	<0.05 mg/kg
DMST (Dimethylaminosulfotoluidide)	<0.05 mg/kg
Dodemorph (cis- and trans-)	<0.05 mg/kg
Dodine	<0.05 mg/kg
Enamectin benzoate	<0.05 mg/kg
Endosulfan I (alpha-isomer)	<0.05 mg/kg
Endosulfan II (beta-isomer)	<0.05 mg/kg
Endosulfan sulfate	<0.05 mg/kg
EPN	<0.05 mg/kg
Epoxiconazole	<0.05 mg/kg
Ethaboxam	<0.05 mg/kg
Ethalfuralin	<0.05 mg/kg
Ethidimuron (Sulfadiazole)	<0.05 mg/kg
Ethiofencarb	<0.05 mg/kg
Ethiofencarb sulfone	<0.05 mg/kg
Ethiofencarb sulfoxide	<0.05 mg/kg
Ethion	0.10 mg/kg
Ethiprole	<0.05 mg/kg
Ethirimol	<0.05 mg/kg
Ethofumesate	<0.05 mg/kg
Ethoprophos (Ethoprop)	<0.05 mg/kg
Etofenprox	<0.05 mg/kg
Etoxazole	<0.05 mg/kg
Etrimfos	<0.05 mg/kg
Famoxadone	<0.05 mg/kg
Fenamidone	<0.05 mg/kg
Fenamiphos	<0.05 mg/kg

* This analysis or component is not ISO accredited.

Printed: 10-May-2019 4:31 pm

Page 6 of 19

Certificate of Analysis

Morinda

Sample Name:	Nhanced CBD Roll On Gel	Eurofins Sample:	8406155
Project ID	MORINDA-20190501-0012	Receipt Date	01-May-2019
PO Number	CVD	Receipt Condition	Ambient temperature
Sample Serving Size		Login Date	01-May-2019
Description	SampleID 40694 20210423W1A	Date Started	01-May-2019

Analysis	Result
Multi-Residue Analysis for hemp products - 500+ compounds	
Fenamiphos sulfone	<0.05 mg/kg
Fenamiphos sulfoxide	<0.05 mg/kg
Fenarimol	<0.05 mg/kg
Fenazaquin	<0.05 mg/kg
Fenbuconazole	<0.05 mg/kg
Fenbutatin oxide	<0.05 mg/kg
Fenchlorphos (Ronnel)	<0.05 mg/kg
Fenchlorphos oxon	<0.05 mg/kg
Fenhexamid	<0.05 mg/kg
Fenitrothion	<0.05 mg/kg
Fenobucarb	<0.05 mg/kg
Fenoxanil (sum of isomers)	<0.05 mg/kg
Fenoxycarb	<0.05 mg/kg
Fenpropathrin	<0.05 mg/kg
Fenpropidin	<0.05 mg/kg
Fenpropimorph	<0.05 mg/kg
Fenpyroximate	<0.05 mg/kg
Fensulfothion	<0.05 mg/kg
Fensulfothion oxon	<0.05 mg/kg
Fensulfothion oxon sulfone	<0.05 mg/kg
Fensulfothion sulfone	<0.05 mg/kg
Fenthion	<0.05 mg/kg
Fenthion oxon	<0.05 mg/kg
Fenthion oxon sulfone	<0.05 mg/kg
Fenthion oxon sulfoxide	<0.05 mg/kg
Fenthion sulfone	<0.05 mg/kg
Fenthion sulfoxide	<0.05 mg/kg
Fentin	<0.05 mg/kg
Fentrazamide	<0.05 mg/kg
Fenuron	<0.05 mg/kg
Fenvalerate/Esfenvalerate (sum of isomers)	<0.05 mg/kg
Fipronil	<0.05 mg/kg
Fipronil desulfinyl	<0.05 mg/kg
Fipronil sulfone	<0.05 mg/kg

* This analysis or component is not ISO accredited.

Certificate of Analysis

Morinda

Sample Name:	Nhanced CBD Roll On Gel	Eurofins Sample:	8406155
Project ID:	MORINDA-20190501-0012	Receipt Date:	01-May-2019
PO Number:	CVD	Receipt Condition:	Ambient temperature
Sample Serving Size:		Login Date:	01-May-2019
Description:	SampleID 40694 20210423W1A	Date Started:	01-May-2019

Analysis	Result
Multi-Residue Analysis for hemp products - 500+ compounds	
Flazasulfuron	<0.05 mg/kg
Flonicamid	<0.05 mg/kg
Fluazifop-butyl	<0.05 mg/kg
Flucythrinate (sum of isomers)	<0.05 mg/kg
Fludioxonil	<0.05 mg/kg
Flufenacet	<0.05 mg/kg
Flufenoxuron	<0.05 mg/kg
Flumetsulam	<0.05 mg/kg
Flumioxazin	<0.05 mg/kg
Fluometuron	<0.05 mg/kg
Fluopicolide	<0.05 mg/kg
Fluopyram	<0.05 mg/kg
Fluoxastrobin	<0.05 mg/kg
Fluquinconazole	<0.05 mg/kg
Flutidone	<0.05 mg/kg
Flusilazole	<0.05 mg/kg
Flutolanil	<0.05 mg/kg
Flutriafol	<0.05 mg/kg
Fluvalinate tau- (sum of isomers)	<0.05 mg/kg
Fonofos	<0.05 mg/kg
Foramsulfuron	<0.05 mg/kg
Forchlorfenuron	<0.05 mg/kg
Formetanate hydrochloride	<0.05 mg/kg
Formothion	<0.05 mg/kg
Fosthiazate (sum of isomers)	<0.05 mg/kg
Fuberidazole	<0.05 mg/kg
Furalaxyl	<0.05 mg/kg
Furathiocarb	<0.05 mg/kg
Griseofulvin	<0.05 mg/kg
Halofenozide	<0.05 mg/kg
Halosulfuron-methyl	<0.05 mg/kg
Haloxypop-methyl	<0.05 mg/kg
HCH, alpha- (alpha-BHC)	<0.05 mg/kg
HCH, beta- (beta-BHC)	<0.05 mg/kg

* This analysis or component is not ISO accredited.

Certificate of Analysis

Morinda

Sample Name:	Nhanced CBD Roll On Gel	Eurofins Sample:	8406155
Project ID	MORINDA-20190501-0012	Receipt Date	01-May-2019
PO Number	CVD	Receipt Condition	Ambient temperature
Sample Serving Size		Login Date	01-May-2019
Description	SampleID 40694 20210423W1A	Date Started	01-May-2019

Analysis	Result
Multi-Residue Analysis for hemp products - 500+ compounds	
HCH, delta- (delta-BHC)	<0.05 mg/kg
Heptachlor	<0.05 mg/kg
Heptachlor endo-epoxide	<0.05 mg/kg
Heptachlor exo-epoxide	<0.05 mg/kg
Hexachlorobenzene (HCB)	<0.05 mg/kg
Hexaconazole	<0.05 mg/kg
Hexaflumuron	<0.05 mg/kg
Hexazinone	<0.05 mg/kg
Hexythiazox	<0.05 mg/kg
Hydramethylnon	<0.05 mg/kg
Hydroprene, S- (sum of isomers)	<0.05 mg/kg
Imazalil	<0.05 mg/kg
Imazamethabenz-methyl	<0.05 mg/kg
Imazethapyr	<0.05 mg/kg
Imidacloprid	<0.05 mg/kg
Indoxacarb	<0.05 mg/kg
Iproconazole	<0.05 mg/kg
Iprovalicarb	<0.05 mg/kg
Isocarbamid	<0.05 mg/kg
Isocarbophos	<0.05 mg/kg
Isfenphos	<0.05 mg/kg
Isfenphos-methyl	<0.05 mg/kg
Isoprocarb	<0.05 mg/kg
Isoprothiolane	<0.05 mg/kg
Isoproturon	<0.05 mg/kg
Isoxaben	<0.05 mg/kg
Isxadifen-ethyl	<0.05 mg/kg
Isxaflutole	<0.05 mg/kg
Isxathion	<0.05 mg/kg
Kresoxim-methyl	<0.05 mg/kg
Lactofen	<0.05 mg/kg
Lenacil	<0.05 mg/kg
Lindane (gamma-HCH, gamma-BHC)	<0.05 mg/kg
Linuron	<0.05 mg/kg

* This analysis or component is not ISO accredited.

Certificate of Analysis

Morinda

Sample Name:	Nhanced CBD Roll On Gel	Eurofins Sample:	8406155
Project ID	MORINDA-20190501-0012	Receipt Date	01-May-2019
PO Number	CVD	Receipt Condition	Ambient temperature
Sample Serving Size		Login Date	01-May-2019
Description	SampleID 40694 20210423W1A	Date Started	01-May-2019

Analysis	Result
Multi-Residue Analysis for hemp products - 500+ compounds	
Lufenuron	<0.05 mg/kg
Malaoxon	<0.05 mg/kg
Malathion	<0.05 mg/kg
Mandipropamid	<0.05 mg/kg
Mecarbam	<0.05 mg/kg
Mepanipirim	<0.05 mg/kg
Mepanipirim-2-hydroxypropyl	<0.05 mg/kg
Mephosfolan	<0.05 mg/kg
Mesosulfuron-methyl	<0.05 mg/kg
Metaflumizone	<0.05 mg/kg
Metaxyl	<0.05 mg/kg
Metamifron	<0.05 mg/kg
Metazachlor	<0.05 mg/kg
Metconazole	<0.05 mg/kg
Methabenzthiazuron	<0.05 mg/kg
Methacrifos	<0.05 mg/kg
Methamidophos	<0.05 mg/kg
Methidathion	<0.05 mg/kg
Methiocarb	<0.05 mg/kg
Methiocarb sulfone	<0.05 mg/kg
Methiocarb sulfoxide	<0.05 mg/kg
Methomyl	<0.05 mg/kg
Methoprotryne	<0.05 mg/kg
Methoxychlor	0.065 mg/kg
Methoxyfenozide	<0.05 mg/kg
Metobromuron	<0.05 mg/kg
Metolachlor	<0.05 mg/kg
Metolcarb	<0.05 mg/kg
Metosulam	<0.05 mg/kg
Metoxuron	<0.05 mg/kg
Metrafenone	<0.05 mg/kg
Metribuzin	<0.05 mg/kg
Metsulfuron-methyl	<0.05 mg/kg
Mevinphos (E- and Z-isomers)	<0.05 mg/kg

* This analysis or component is not ISO accredited.

Certificate of Analysis

Morinda

Sample Name:	Nhanced CBD Roll On Gel	Eurofins Sample:	8406155
Project ID	MORINDA-20190501-0012	Receipt Date	01-May-2019
PO Number	CVD	Receipt Condition	Ambient temperature
Sample Serving Size		Login Date	01-May-2019
Description	SampleID 40694 20210423W1A	Date Started	01-May-2019

Analysis	Result
Multi-Residue Analysis for hemp products - 500+ compounds	
Mexacarbate	<0.05 mg/kg
MGK 264 (sum of isomers)	<0.05 mg/kg
Mirex	<0.05 mg/kg
Molinate	<0.05 mg/kg
Monocrotophos	<0.05 mg/kg
Monolinuron	<0.05 mg/kg
Myclobutanil	<0.05 mg/kg
Naled (Dibrom)	<0.05 mg/kg
Naphthol, 1-	<0.05 mg/kg
Napropamide	<0.05 mg/kg
Neburon	<0.05 mg/kg
Nicosulfuron	<0.05 mg/kg
Nitenpyram	<0.05 mg/kg
Nitrofen	<0.05 mg/kg
Nonachlor, cis-	<0.05 mg/kg
Nonachlor, trans-	<0.05 mg/kg
Norflurazon	<0.05 mg/kg
Norflurazon-desmethyl	<0.05 mg/kg
Novajuron	<0.05 mg/kg
Nuarimol	<0.05 mg/kg
Ofurace	<0.05 mg/kg
Omethoate	<0.05 mg/kg
Oxadiazon	<0.05 mg/kg
Oxadixyl	<0.05 mg/kg
Oxamyl	<0.05 mg/kg
Oxamyl oxime	<0.05 mg/kg
Oxasulfuron	<0.05 mg/kg
Oxycarboxin	<0.05 mg/kg
Oxychlorane	<0.05 mg/kg
Oxydemeton-methyl	<0.05 mg/kg
Oxyfluorfen	<0.05 mg/kg
Paclobutrazol	<0.05 mg/kg
Paraoxon	<0.05 mg/kg
Paraoxon-methyl	<0.05 mg/kg

* This analysis or component is not ISO accredited.

Certificate of Analysis

Morinda

Sample Name:	Nhanced CBD Roll On Gel	Eurofins Sample:	8406155
Project ID	MORINDA-20190501-0012	Receipt Date	01-May-2019
PO Number	CVD	Receipt Condition	Ambient temperature
Sample Serving Size		Login Date	01-May-2019
Description	SampleID 40694 20210423W1A	Date Started	01-May-2019

Analysis	Result
Multi-Residue Analysis for hemp products - 500+ compounds	
Parathion	<0.05 mg/kg
Parathion-methyl	<0.05 mg/kg
Penconazole	<0.05 mg/kg
Pencycuron	<0.05 mg/kg
Pendimethalin	<0.05 mg/kg
Pentachloroaniline	<0.05 mg/kg
Pentachloroanisole	<0.05 mg/kg
Pentachlorobenzene	<0.05 mg/kg
Pentachlorobenzonitrile	<0.05 mg/kg
Pentachlorothioanisole	<0.05 mg/kg
Permethrin (sum of isomers)	<0.05 mg/kg
Perthane (Ethylan)	<0.05 mg/kg
Phenmedipham	<0.05 mg/kg
Phenthoate	<0.05 mg/kg
Phenylphenol, 2- (OPP)	<0.05 mg/kg
Phorate	<0.05 mg/kg
Phorate sulfone	<0.05 mg/kg
Phorate sulfoxide	<0.05 mg/kg
Phosalone	<0.05 mg/kg
Phosmet	<0.05 mg/kg
Phosmet oxon	<0.05 mg/kg
Phosphamidon (E- and Z-isomers)	<0.05 mg/kg
Phoxim	<0.05 mg/kg
Picolinafen	<0.05 mg/kg
Picoxystrobin	<0.05 mg/kg
Piperonyl butoxide	<0.05 mg/kg
Piperophos	<0.05 mg/kg
Pirimicarb	<0.05 mg/kg
Pirimicarb-desmethyl	<0.05 mg/kg
Pirimiphos-ethyl	<0.05 mg/kg
Pirimiphos-methyl	<0.05 mg/kg
Pirimiphos-methyl, N-desethyl-	<0.05 mg/kg
Prallethrin	<0.05 mg/kg
Pretilachlor	<0.05 mg/kg

* This analysis or component is not ISO accredited.

Certificate of Analysis

Morinda

Sample Name:	Nhanced CBD Roll On Gel	Eurofins Sample:	8406155
Project ID	MORINDA-20190501-0012	Receipt Date	01-May-2019
PO Number	CVD	Receipt Condition	Ambient temperature
Sample Serving Size		Login Date	01-May-2019
Description	SampleID 40694 20210423W1A	Date Started	01-May-2019

Analysis	Result
Multi-Residue Analysis for hemp products - 500+ compounds	
Primisulfuron-methyl	<0.05 mg/kg
Prochloraz	<0.05 mg/kg
Procyimidone	<0.05 mg/kg
Prodiamine	<0.05 mg/kg
Profenofos	<0.05 mg/kg
Profluralin	<0.05 mg/kg
Promecarb	<0.05 mg/kg
Prometon	<0.05 mg/kg
Prometryn	<0.05 mg/kg
Propamocarb	<0.05 mg/kg
Propanil	<0.05 mg/kg
Propaquizafop	<0.05 mg/kg
Propargite	<0.05 mg/kg
Propetamphos	<0.05 mg/kg
Propham	<0.05 mg/kg
Propiconazole (sum of isomers)	<0.05 mg/kg
Propoxur	<0.05 mg/kg
Propyzamide (Pronamide)	<0.05 mg/kg
Proquinazid	<0.05 mg/kg
Prosulfocarb	<0.05 mg/kg
Prothioconazole-desthio	<0.05 mg/kg
Prothiofos	<0.05 mg/kg
Pymetrozine	<0.05 mg/kg
Pyracarbolid	<0.05 mg/kg
Pyraclostrobin	<0.05 mg/kg
Pyraflufen-ethyl	<0.05 mg/kg
Pyrazophos	<0.05 mg/kg
Pyrethrum (total)	<0.50 mg/kg
Pyridaben	<0.05 mg/kg
Pyridalyl	<0.05 mg/kg
Pyridaphenthion	<0.05 mg/kg
Pyridate	<0.05 mg/kg
PyrifenoX (E- and Z-isomers)	<0.05 mg/kg
Pyrimethanil	<0.05 mg/kg

* This analysis or component is not ISO accredited.

Printed: 10-May-2019 4:31 pm

Page 13 of 19

Certificate of Analysis

Morinda

Sample Name:	Nhanced CBD Roll On Gel	Eurofins Sample:	8406155
Project ID	MORINDA-20190501-0012	Receipt Date	01-May-2019
PO Number	CVD	Receipt Condition	Ambient temperature
Sample Serving Size		Login Date	01-May-2019
Description	SampleID 40694. 20210423W1A	Date Started	01-May-2019

Analysis	Result
Multi-Residue Analysis for hemp products - 500+ compounds	
Pyriproxyfen	<0.05 mg/kg
Pyroquilon	<0.05 mg/kg
Pyroxsulam	<0.05 mg/kg
Quinaiphos	<0.05 mg/kg
Quinmerac	<0.05 mg/kg
Quinoclamine	<0.05 mg/kg
Quinoxifen	<0.05 mg/kg
Quintozene	<0.05 mg/kg
Quizalofop-ethyl	<0.05 mg/kg
Resmethrin (sum of isomers)	<0.05 mg/kg
Rimsulfuron	<0.05 mg/kg
Rotenone	<0.05 mg/kg
S421	<0.05 mg/kg
Schradan (Octamethylpyrophosphoramidate)	<0.05 mg/kg
Secbumeton	<0.05 mg/kg
Sethoxydim (E- and Z-isomers)	<0.05 mg/kg
Siduron	<0.05 mg/kg
Silthiofam	<0.05 mg/kg
Simazine	<0.05 mg/kg
Simeconazole	<0.05 mg/kg
Simetryn	<0.05 mg/kg
Spinetoram: (spinosyns J and L)	<0.05 mg/kg
Spinosad (spinosyns A and D)	<0.05 mg/kg
Spirodiclofen	<0.05 mg/kg
Spiromesifen	<0.05 mg/kg
Spiromesifen enol	<0.05 mg/kg
Spirotetramat	<0.05 mg/kg
Spiroxamine (2 diastereoisomers)	<0.05 mg/kg
Sulfallate	<0.05 mg/kg
Sulfentrazone	<0.05 mg/kg
Sulprofos	<0.05 mg/kg
Tebuconazole	<0.05 mg/kg
Tebufenozide	<0.05 mg/kg
Tebufenpyrad	<0.05 mg/kg

* This analysis or component is not ISO accredited.

Certificate of Analysis

Morinda

Sample Name:	Nhanced CBD Roll On Gel	Eurofins Sample:	8406155
Project ID	MORINDA-20190501-0012	Receipt Date	01-May-2019
PO Number	CVD	Receipt Condition	Ambient temperature
Sample Serving Size		Login Date	01-May-2019
Description	SampleID 40694 20210423W1A	Date Started	01-May-2019

Analysis

Result

Multi-Residue Analysis for hemp products - 500+ compounds

Tebupirimfos	<0.05 mg/kg
Tebuthiuron	<0.05 mg/kg
Tecnazene	<0.05 mg/kg
Teflubenzuron	<0.05 mg/kg
Tefluthrin	<0.05 mg/kg
Temephos	<0.05 mg/kg
Tepraloxydim (E- and Z-isomers)	<0.05 mg/kg
Terbacil	<0.05 mg/kg
Terbufos	<0.05 mg/kg
Terbufos sulfone	<0.05 mg/kg
Terbufos sulfoxide	<0.05 mg/kg
Terbumeton	<0.05 mg/kg
Terbutylazine	<0.05 mg/kg
Terbutryn	<0.05 mg/kg
Tetrachloroaniline, 2,3,5,6-	<0.05 mg/kg
Tetrachloroanisole, 2,3,4,5-	<0.05 mg/kg
Tetrachlorvinphos	<0.05 mg/kg
Tetraconazole	<0.05 mg/kg
Tetradifon	<0.05 mg/kg
Thiabendazole	<0.05 mg/kg
Thiabendazole-5-hydroxy-	<0.05 mg/kg
Thiacloprid	<0.05 mg/kg
Thiamethoxam	<0.05 mg/kg
Thiazopyr	<0.05 mg/kg
Thidiazuron	<0.05 mg/kg
Thifensulfuron-methyl	<0.05 mg/kg
Thiobencarb (Benthiocarb)	<0.05 mg/kg
Thiodicarb	<0.05 mg/kg
Thiofanox	<0.05 mg/kg
Thiofanox sulfone	<0.05 mg/kg
Thiofanox sulfoxide	<0.05 mg/kg
Thionazin (Zinophos)	<0.05 mg/kg
Thiophanate-methyl	<0.05 mg/kg
Tolclofos-methyl	<0.05 mg/kg

* This analysis or component is not ISO accredited.

Certificate of Analysis

Morinda

Sample Name:	Nhanced CBD Roll On Gel	Eurofins Sample:	8406155
Project ID	MORINDA-20190501-0012	Receipt Date	01-May-2019
PO Number	CVD	Receipt Condition	Ambient temperature
Sample Serving Size		Login Date	01-May-2019
Description	SampleID 40694 20210423W1A	Date Started	01-May-2019

Analysis	Result
Multi-Residue Analysis for hemp products - 500+ compounds	
Tolfenpyrad	<0.05 mg/kg
Tolyfluanid	<0.05 mg/kg
Tralkoxydim	<0.05 mg/kg
Triadimefon	<0.05 mg/kg
Triadimenol	<0.05 mg/kg
Triasulfuron	<0.05 mg/kg
Triazophos	0.052 mg/kg
Tribenuron-methyl	<0.05 mg/kg
Tribufos (DEF)	<0.05 mg/kg
Trichlorfon (Metrifonate)	<0.05 mg/kg
Trichloroanisole, 2,4,6-	<0.05 mg/kg
Tricyclazole	<0.05 mg/kg
Trietazine	<0.05 mg/kg
Trifloxystrobin	<0.05 mg/kg
Trifloxysulfuron	<0.05 mg/kg
Triflumizole	<0.05 mg/kg
Triflumuron	<0.05 mg/kg
Trifluralin	<0.05 mg/kg
Triforine	<0.05 mg/kg
Trimethacarb	<0.05 mg/kg
Triticonazole	<0.05 mg/kg
Uniconazole	<0.05 mg/kg
Vamidothion	<0.05 mg/kg
Vinclozolin	<0.05 mg/kg
Zoxamide	<0.05 mg/kg

Analysis	LOQ	Limit	Result	Pass/Fail
Residual Solvents - Class 3 *				
1-Butanol	200 ppm	5000 ppm	<200 ppm	Pass
1-Pentanol	200 ppm	5000 ppm	<200 ppm	Pass
1-Propanol	200 ppm	5000 ppm	<200 ppm	Pass
2-Butanol	200 ppm	5000 ppm	<200 ppm	Pass
Methylethylketone	200 ppm	5000 ppm	<200 ppm	Pass
3-Methyl-1-butanol	200 ppm	5000 ppm	<200 ppm	Pass

* This analysis or component is not ISO accredited.

Certificate of Analysis

Morinda

Sample Name:	Nhanced CBD Roll On Gel	Eurofins Sample:	8406155
Project ID	MORINDA-20190501-0012	Receipt Date	01-May-2019
PO Number	CVD	Receipt Condition	Ambient temperature
Sample Serving Size		Login Date	01-May-2019
Description	SampleID 40694 20210423W1A	Date Started	01-May-2019

Analysis	LOQ	Limit	Result	Pass/Fail
Residual Solvents - Class 3 *				
Acetic Acid Butyl Ester	200 ppm	5000 ppm	<200 ppm	Pass
Acetone	200 ppm	5000 ppm	<200 ppm	Pass
Anisole	200 ppm	5000 ppm	<200 ppm	Pass
Diethyl Ether	200 ppm	5000 ppm	<200 ppm	Pass
Ethanol	200 ppm	5000 ppm	<200 ppm	Pass
Ethyl Acetate	200 ppm	5000 ppm	<200 ppm	Pass
Ethyl Formate	500 ppm	5000 ppm	<500 ppm	Pass
2-Methyl-1-propanol	200 ppm	5000 ppm	<200 ppm	Pass
Isobutyl Acetate	200 ppm	5000 ppm	<200 ppm	Pass
2-Propanol	200 ppm	5000 ppm	<200 ppm	Pass
Isopropyl Acetate	200 ppm	5000 ppm	<200 ppm	Pass
Methyl Acetate	200 ppm	5000 ppm	<200 ppm	Pass
Methylisobutylketone	200 ppm	5000 ppm	<200 ppm	Pass
tert-Butylmethyl Ether	200 ppm	5000 ppm	<200 ppm	Pass
n-Heptane	200 ppm	5000 ppm	<200 ppm	Pass
n-Pentane	200 ppm	5000 ppm	<200 ppm	Pass
Propyl Acetate	200 ppm	5000 ppm	<200 ppm	Pass
Total Class 3 Residual Solvents	5000 ppm	5000 ppm	<5000 ppm	Pass

Method References

Testing Location

Industrial Hemp Cannabinoid Profile (IHCBD_S)

Food Integrity Innovation-Boulder

Vaclavik, L., Benes, F., Krmela, A., Svobodova, V., Hajslova, J., Mastovska, K., "Quantification of Cannabinoids in Cannabis Dried Plant Materials and Concentrates Using Liquid Chromatography-Diode Array Detection Technique with Optional Mass Spectrometric Detection: A Single Laboratory Validation Study", submitted for AOAC SMPR 2017.001 and 2017.002.

* This analysis or component is not ISO accredited.

Certificate of Analysis

Morinda

Method References	Testing Location
Metals Analysis by ICP-MS (ICP_MS_B_S) Methods for the Determination of Metals in Environmental Standards - Supplement 1, EPA-600/R-94-111, May 1994. "Determination of Metals and Trace Elements in Water and Wastes by Inductively Coupled Plasma-Mass Spectrometry", USEPA Method 200.8, Revision 5.1, EMMC Version.	Food Integrity Innovation-Boulder
Multi-Residue Analysis for hemp products - 500+ compounds (PEST_HEMP) <i>Official Methods of Analysis, AOAC Official Method 2007.01, Pesticide Residues in Foods by Acetonitrile Extraction and Partitioning with Magnesium Sulfate, AOAC INTERNATIONAL (modified).</i> <i>CEN Standard Method EN 15662: Food of plant origin - Determination of pesticide residues using GC-MS and/or LC-MS/MS following acetonitrile extraction/partitioning and clean-up by dispersive SPE - QuEChERS method.</i> List of the tested pesticides and their limits of quantification (LOQs) are available upon request.	Food Integ. Innovation-Greenfield
Mycotoxins in Raw Materials (MYCO_REG_S) Varga, E., Glauner, T., Koppen, R., Mayer, K., Sulyok, M., Schumacher, R., Krska, R. and Berthiller, F., "Stable isotope dilution assay for the accurate determination of mycotoxins in maize by UHPLC-MS/MS," Analytical and BioAnalytical Chemistry, 402:2675-2686 (2012).	Food Integrity Innovation-Madison
Residual Solvents - Class 3 (USPR_S) United States Pharmacopeia, 38nd Rev. - National Formulary 33th Ed., Method <467>, USP Convention, Inc., Rockville, MD (2015). (Modified).	Food Integrity Innovation-Madison

Certificate of Analysis

Morinda

Testing Location(s)

Released on Behalf of Eurofins by

Food Integrity Innovation-Boulder

Ian Laessig - Manager

Eurofins Food Chemistry Testing US, Inc.
2830 Wilderness Pl
Boulder CO 80301
800-675-8375



AT-1816

Food Integ. Innovation-Greenfield

Karelyn Koehn - Manager

Eurofins Food Chemistry Testing US, Inc.
671 S. Meridian Road
Greenfield IN 46140
800-675-8375



2918.06

Food Integrity Innovation-Madison

Edward Ladwig - Director

Eurofins Food Chemistry Testing US, Inc.
3301 Kinsman Blvd
Madison WI 53704
800-675-8375



2918.01

These results apply only to the items tested. This certificate of analysis shall not be reproduced, except in its entirety, without the written approval of Eurofins.