

Analytical Results Sheet From ChromaDex Lab

Customer:	Biogenetix LLC	Report Number:	CDXA-ARS-35187-00
		Project Number:	ORD93092
Sample Name:	Hepato - CL	Date Received:	13-Feb-17
Sample Lot:	J151022A	Purchase Order:	Not Provided
CDXA Number:	CDXA-17-001757		
Assay:	Consolidated Report	Date of Report:	27-Feb-17
Part Number:	PRJ-CONSOL-RPT	Page:	1 of 1
		Test Location:	Boulder, CO; Sub10; Sub21

See attached data

ND – Not Detected

BRL – Below reporting limit (compound detected below RL)

Analytical Results Sheet

Customer:	Biogenetix LLC	Report Number:	CDXA-ARS-35168-00
Address (City, State):	Englewood, CO	Project Number:	ORD93092
Sample Name:	Hepato - CL	Date Received:	13-Feb-17
Sample Lot:	J151022A	Purchase Order:	Not Provided
CDXA Number:	CDXA-17-001757	Date of Report:	24-Feb-17
Assay:	Pesticide Screening Panel CDFA	Page:	1 of 9
Part Number:	CDA-00100316-ARS	Test Location:	Sub10
Method:	OC Screen		

Analyte	Units	Spec.	Result	Reporting Limit
a, b, d-BHC	ppm	NA	ND	0.010
Alachlor	ppm	NA	ND	0.020
Aldrin	ppm	NA	ND	0.010
Benfluralin	ppm	NA	ND	0.020
BifenoX	ppm	NA	ND	0.050
Boscalid	ppm	NA	ND	0.020
Bromacil	ppm	NA	ND	0.040
Captafol	ppm	NA	ND	0.040
Captan	ppm	NA	ND	0.020
Chlordane (sum of Isomers)	ppm	NA	ND	0.020
Chlorfenapyr	ppm	NA	ND	0.040
Chlorobenzilate	ppm	NA	ND	0.040
Chlorothalonil	ppm	NA	ND	0.010
Cyanazine	ppm	NA	ND	0.100
Dacthal	ppm	NA	ND	0.020
DDD	ppm	NA	ND	0.020
DDE	ppm	NA	ND	0.020
DDT	ppm	NA	ND	0.020
Dichlobenil	ppm	NA	ND	0.030
Dichlone	ppm	NA	ND	0.050
Dicloran	ppm	NA	ND	0.020

ND – Not Detected

BRL – Below reporting limit (compound detected below RL)

Analytical Results Sheet

Customer:	Biogenetix LLC	Report Number:	CDXA-ARS-35168-00
Address (City, State):	Englewood, CO	Project Number:	ORD93092
Sample Name:	Hepato - CL	Date Received:	13-Feb-17
Sample Lot:	J151022A	Purchase Order:	Not Provided
CDXA Number:	CDXA-17-001757	Date of Report:	24-Feb-17
Assay:	Pesticide Screening Panel CDFA	Page:	2 of 9
Part Number:	CDA-00100316-ARS	Test Location:	Sub10
Method:	OC Screen		

Analyte	Units	Spec.	Result	Reporting Limit
Dicofol	ppm	NA	ND	0.050
Dieldrin	ppm	NA	ND	0.010
Endosulfan alpha	ppm	NA	ND	0.010
Endosulfan beta	ppm	NA	ND	0.010
Endosulfan sulfate	ppm	NA	ND	0.010
Endosulfans (Total)	ppm	NA	ND	0.010
Endrin	ppm	NA	ND	0.010
Ethafaluralin	ppm	NA	ND	0.030
Fenhexamid	ppm	NA	ND	0.030
Folpet	ppm	NA	ND	0.050
Heptachlor	ppm	NA	ND	0.010
Heptachlor epoxide	ppm	NA	ND	0.020
Hexachlorobenzene	ppm	NA	ND	0.010
Indoxacarb	ppm	NA	ND	0.030
Iprodione	ppm	NA	ND	0.050
Lindane (gamma-BHC)	ppm	NA	ND	0.010
Linuron	ppm	NA	ND	0.150
Methoxychlor	ppm	NA	ND	0.050
Metribuzin	ppm	NA	ND	0.020
Mirex	ppm	NA	ND	0.020
Myclobutanil	ppm	NA	ND	0.050
Oxadiazon	ppm	NA	ND	0.050
Oxyfluorfen	ppm	NA	ND	0.040

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Sample Name:	Hepato - CL	Date Received:	13-Feb-17
Sample Lot:	J151022A	Purchase Order:	Not Provided
CDXA Number:	CDXA-17-001757		
Assay:	Pesticide Screening Panel CDFA	Date of Report:	24-Feb-17
Part Number:	CDA-00100316-ARS	Page:	3 of 9
Method:	OC Screen	Test Location:	Sub10

Analyte	Units	Spec.	Result	Reporting Limit
Pendimethalin	ppm	NA	ND	0.050
Pentachloronitrobenzene (PCNB)	ppm	NA	ND	0.020
Pentachloroaniline (PCA)	ppm	NA	ND	0.010
Perthane	ppm	NA	ND	0.100
Polychlorinated Biphenyls	ppm	NA	ND	0.250
Procymidone	ppm	NA	ND	0.020
Profluralin	ppm	NA	ND	0.020
Pronamide	ppm	NA	ND	0.050
Propanil	ppm	NA	ND	0.050
Tetradifon	ppm	NA	ND	0.020
Toxaphene	ppm	NA	ND	0.250
Triadimefon	ppm	NA	ND	0.020
Trifloxystrobin	ppm	NA	ND	0.030
Triflumazole	ppm	NA	ND	0.050
Trifluralin	ppm	NA	ND	0.020
Vegadex (Diethyldithiocarbamic Acid)	ppm	NA	ND	0.050
Vinclozolin	ppm	NA	ND	0.020

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Address (City, State):	Englewood, CO	Project Number:	ORD93092
Sample Name:	Hepato - CL	Date Received:	13-Feb-17
Sample Lot:	J151022A	Purchase Order:	Not Provided
CDXA Number:	CDXA-17-001757		
Assay:	Pesticide Screening Panel CDFA	Date of Report:	24-Feb-17
Part Number:	CDA-00100316-ARS	Page:	4 of 9
Method:	Pyrethroid Screen	Test Location:	Sub10

Analyte	Units	Spec.	Result	Reporting Limit
Bifenthrin	ppm	NA	ND	0.020
Cyfluthrin	ppm	NA	ND	0.040
Cypermethrin	ppm	NA	ND	0.040
Deltamethrin	ppm	NA	ND	0.020
Esfenvalerate	ppm	NA	ND	0.030
Fenpropathrin	ppm	NA	ND	0.010
Fluvalinate	ppm	NA	ND	0.040
lambda Cyhalothrin	ppm	NA	ND	0.010
Permethrin	ppm	NA	ND	0.100
Tralomethrin	ppm	NA	ND	0.020
Pyrethrins (Total)	ppm	NA	ND	0.050

Analytical Results Sheet

Customer: Biogenetix LLC
Address (City, State): Englewood, CO

Report Number: CDXA-ARS-35168-00
Project Number: ORD93092

Sample Name: Hepato - CL
Sample Lot: J151022A
CDXA Number: CDXA-17-001757

Date Received: 13-Feb-17
Purchase Order: Not Provided

Assay: Pesticide Screening Panel CDFA
Part Number: CDA-00100316-ARS
Method: ON Screen

Date of Report: 24-Feb-17
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Test Location: Sub10

Analyte	Units	Spec.	Result	Reporting Limit
Acetamipride	ppm	NA	ND	0.250
Atrazine	ppm	NA	ND	0.150
Azoxystrobin	ppm	NA	ND	0.150
Benthiocarb	ppm	NA	ND	0.250
Cyanazine	ppm	NA	ND	0.250
Cyromazine	ppm	NA	ND	0.250
Cyprodinil	ppm	NA	ND	0.250
Dimethomorph	ppm	NA	ND	0.250
Diphenyl Amine	ppm	NA	ND	0.250
Fenamidone	ppm	NA	ND	0.250
Fenbuconazole	ppm	NA	ND	0.250
Fipronil	ppm	NA	ND	0.250
Fludioxinil	ppm	NA	ND	0.250
Hexazinone	ppm	NA	ND	0.250
Imazalil	ppm	NA	ND	0.250
Kresoxim Methyl	ppm	NA	ND	0.250
Metalaxyl	ppm	NA	ND	0.250
Metolachlor	ppm	NA	ND	0.250
Metribuzin	ppm	NA	ND	0.250
Molinate	ppm	NA	ND	0.250
Myclobutanil	ppm	NA	ND	0.250
Prometon	ppm	NA	ND	0.250
Prometryne	ppm	NA	ND	0.250

Analytical Results Sheet

Customer: Biogenetix LLC
Address (City, State): Englewood, CO
Report Number: CDXA-ARS-35168-00
Project Number: ORD93092
Sample Name: Hepato - CL
Sample Lot: J151022A
Date Received: 13-Feb-17
CDXA Number: CDXA-17-001757
Purchase Order: Not Provided
Assay: Pesticide Screening Panel CDFA
Part Number: CDA-00100316-ARS
Date of Report: 24-Feb-17
Method: ON Screen
Page: 6 of 9
Test Location: Sub10

Analyte	Units	Spec.	Result	Reporting Limit
Propamocarb	ppm	NA	ND	0.250
Propiconazole	ppm	NA	ND	0.250
Pymetrozine	ppm	NA	ND	0.250
Pyraclostrobin	ppm	NA	ND	0.250
Pyriproxifen	ppm	NA	ND	0.250
Sethoxydim	ppm	NA	ND	0.250
Simazine	ppm	NA	ND	0.250
Tebuconazole	ppm	NA	ND	0.250
Terbacil	ppm	NA	ND	0.250
Thiabendazole	ppm	NA	ND	0.250
Napropamide	ppm	NA	ND	0.250

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Address (City, State):	Englewood, CO	Project Number:	ORD93092
Sample Name:	Hepato - CL	Date Received:	13-Feb-17
Sample Lot:	J151022A	Purchase Order:	Not Provided
CDXA Number:	CDXA-17-001757	Date of Report:	24-Feb-17
Assay:	Pesticide Screening Panel CDFA	Page:	7 of 9
Part Number:	CDA-00100316-ARS	Test Location:	Sub10
Method:	OP Screen		

Analyte	Units	Spec.	Result	Reporting Limit
Acephate	ppm	NA	ND	0.020
Azinphos-methyl	ppm	NA	ND	0.050
Bolstar	ppm	NA	ND	0.030
Bensulide	ppm	NA	ND	0.050
Carbofenothion	ppm	NA	ND	0.020
Chlorfenvinphos	ppm	NA	ND	0.030
Chlorpyrifos	ppm	NA	ND	0.020
Chlorpyrifos-methyl	ppm	NA	ND	0.030
Ciodrin	ppm	NA	ND	0.050
Coumaphos	ppm	NA	ND	0.050
DEF	ppm	NA	ND	0.050
Demeton (Systox) O/S Analogues	ppm	NA	ND	0.040
DiazinonDichlorvos	ppm	NA	ND	0.030
Dibrom	ppm	NA	ND	0.050
Dichlorvos	ppm	NA	ND	0.030
Dicrotophos	ppm	NA	ND	0.020
Dimethoate	ppm	NA	ND	0.020
Disulfoton	ppm	NA	ND	0.020
EPN	ppm	NA	ND	0.020
Ethion	ppm	NA	ND	0.030
Ethoprop	ppm	NA	ND	0.050
Fenamiphos	ppm	NA	ND	0.020
Fenitrothion	ppm	NA	ND	0.030

Signed original on file at CDXA

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Address (City, State):	Englewood, CO	Project Number:	ORD93092
Sample Name:	Hepato - CL	Date Received:	13-Feb-17
Sample Lot:	J151022A	Purchase Order:	Not Provided
CDXA Number:	CDXA-17-001757		
Assay:	Pesticide Screening Panel CDFA	Date of Report:	24-Feb-17
Part Number:	CDA-00100316-ARS	Page:	8 of 9
Method:	OP Screen	Test Location:	Sub10

Analyte	Units	Spec.	Result	Reporting Limit
Fenthion	ppm	NA	ND	0.020
Fonofos	ppm	NA	ND	0.040
Isofenphos	ppm	NA	ND	0.030
Malathion	ppm	NA	ND	0.020
Metasystox-R	ppm	NA	ND	0.050
Methamidophos	ppm	NA	ND	0.030
Methidathion	ppm	NA	ND	0.030
Methyl Parathion	ppm	NA	ND	0.030
Mevinphos	ppm	NA	ND	0.050
O-methoate	ppm	NA	ND	0.050
Parathion	ppm	NA	ND	0.040
Phorate	ppm	NA	ND	0.050
Phosalone	ppm	NA	ND	0.050
Phosmet	ppm	NA	ND	0.030
Phosphamidon	ppm	NA	ND	0.020
Pyrimiphos-methyl	ppm	NA	ND	0.050
Profenofos	ppm	NA	ND	0.020
Propetamphos	ppm	NA	ND	0.020
Ronnel	ppm	NA	ND	0.030
Tetrachlorvinphos	ppm	NA	ND	0.020
Thionazin	ppm	NA	ND	0.020

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Customer:	Biogenetix LLC	Report Number:	CDXA-ARS-35168-00
Address (City, State):	Englewood, CO	Project Number:	ORD93092
Sample Name:	Hepato - CL	Date Received:	13-Feb-17
Sample Lot:	J151022A	Purchase Order:	Not Provided
CDXA Number:	CDXA-17-001757	Date of Report:	24-Feb-17
Assay:	Pesticide Screening Panel CDFA	Page:	9 of 9
Part Number:	CDA-00100316-ARS	Test Location:	Sub10
Method:	CB Screen		

Analyte	Units	Spec.	Result	Reporting Limit
Aldicarb Sulfone	ppm	NA	ND	0.030
Aldicarb Sulfoxide	ppm	NA	ND	0.030
Aldicarb	ppm	NA	ND	0.030
Carbaryl	ppm	NA	ND	0.030
Carbofuran	ppm	NA	ND	0.030
3-OH Carbofuran	ppm	NA	ND	0.030
Methiocarb	ppm	NA	ND	0.030
Methomyl	ppm	NA	ND	0.030
o-Phenyl Phenol	ppm	NA	ND	0.030
Oxamyl	ppm	NA	ND	0.030
Propoxur	ppm	NA	ND	0.030
Thiodicarb	ppm	NA	ND	0.030

Analytical Results Sheet

Customer:	Biogenetix LLC	Report Number:	CDXA-ARS-35103-00
Address (City, State):	Englewood, CO	Project Number:	ORD93092
Sample Name:	Hepato – CL	Date Received:	08-Feb-17 and 13-Feb-17
Sample Lot:	J151022A	Purchase Order:	Not Provided
CDXA Number:	CDXA-17-001757	Date of Report:	21-Feb-17
Assay:	Allergen Testing: Gluten (Wheat Rye & Barley) by ELISA (Quantitative); Peanut (Quantitative)	Page:	1 of 1
Part Number:	CDA-00100198-ARS; CDA-00100199-ARS	Test Location:	Sub21
Method:	R7001; R6202		

Analyte	Units	Spec.	Result	Method Detection Limit
Gluten (Wheat, Rye & Barley)	ppm	ND	< 3.0	3.0
Peanut Allergen	ppm	ND	< 2.5	2.5



Analytical Results Sheet

Customer:	Biogenetix LLC	Report Number:	CDXA-ARS-35066-00
Address (City, State):	Englewood, CO	Project Number:	ORD93092
Sample Name:	Hepato - CL	Date Received:	08-Feb-17
Sample Lot:	J151022A	Purchase Order:	Not provided
CDXA Number:	CDXA-17-001757	Date of Report:	17-Feb-17
Assay:	Metals Testing: ICP-MS for 8 Elements	Page:	1 of 1
Part Number:	CDA-00100314-ARS	Test Location:	Boulder, CO
Method:	99.1-CDXA-4.0-000615		

Analyte	Units	Spec.	Result	Reporting Limit
Arsenic	µg/srv	< 10	ND	0.17
Cadmium	µg/srv	< 4.1	0.108	0.042
Copper	µg/srv	10	181	8.3
Lead	µg/srv	< 0.5	0.0899	0.042
Magnesium	mg/srv	50	15.7	0.083
Mercury	µg/srv	NA	ND	0.021
Molybdenum	µg/srv	43	206	0.83
Zinc	mg/srv	2	8.73	0.0083
Average capsule weight	g	--	0.836	--

Serving size: 1 capsule

Verified: Toni Marr