

1 of 7

ELTA 9 CERE	AL BAR						
ample ID: SA-231108- atch: HC8-D9CRB-12 ype: Finished Produc atrix: Edible - Other nit Mass (g): 86.39412	23 t - Ingestible	$\bigcirc$	Received: 1 Completed	1/09/2023  : 12/05/2023		Client Highly Conc 2144 Gulf Ga Sarasota, FL USA Lic. #: 2021-N	ite Dr. 34231
				Pinch (// Side	Summa Test Cannabinoi Heavy Meta Microbials Mycotoxins Pesticides Residual Sc	Date Tes           ids         11/16/202           als         12/05/202           11/21/202         11/21/202           11/27/202         11/27/202	3Tested23Passed3Passed3Passed3Passed
0.227 %	0.227 %		0.231 %	No	t Tested	Not Tested	Yes
Total Δ9-THC	<u> </u> 29-тнс	ΥL	tal Cannabino		ure Content	Foreign Matter	Internal Standard Normalization
annabinoids		ΥL			rure Content	Foreign Matter Result (%)	
annabinoids	s by HPLC-PD	A and/		S/MS LOQ	cure Content	Result	Normalization Result
annabinoids nalyte 3C	s by HPLC-PD	A and/ LOD (%)		S/MS LOQ (%)	ure Content	Result (%)	Result (mg/unit)
annabinoids nalyte BC BCA	s by HPLC-PD	A and/ LOD (%) 0.00095		S/MS LoQ (%) 0.00284	ure Content	Result (%) ND	Result (mg/unit) ND
annabinoids nalyte 3C 3CA 3CV	s by HPLC-PD	A and/ LOD (%) 0.00095 0.00181		S/MS LoQ (%) 0.00284 0.00543	ure Content	Result (%) ND ND	Result (mg/unit) ND ND
annabinoids nalyte ac acc acc acc acc acc acc acc acc acc	by HPLC-PD	A and/ LoD (%) 0.00095 0.00181 0.0006		S/MS LoQ (%) 0.00284 0.00543 0.0018	ure Content	Result (%) ND ND ND ND	Result (mg/unit) ND ND ND ND ND
annabinoids nalyte BC BCA BCA BCV BD BDA	by HPLC-PD	A and/ LoD (%) 0.00095 0.00181 0.0006 0.00081		S/MS LoQ (%) 0.00284 0.00543 0.0018 0.00242	rure Content	Result (%) ND ND ND ND ND	Result (mg/unit) ND ND ND ND ND ND ND ND
annabinoids nalyte 3C 3CA 3CV 3D 3DA 3DV	by HPLC-PD	A and/ LoD (%) 0.00095 0.00181 0.0006 0.00081 0.00043 0.00061 0.00021		S/MS LoQ (%) 0.00284 0.00543 0.0018 0.00242 0.0013	rure Content	Result (%) ND ND ND ND ND ND	Normalization Result (mg/unit) ND ND ND ND ND ND ND ND
annabinoids nalyte BC BCA BCA BCA BD BDA BDA BDV BDVA	by HPLC-PD	A and/ LoD (%) 0.00095 0.00181 0.0006 0.00081 0.00043 0.00061 0.00021 0.00027		S/MS LoQ (%) 0.00284 0.00543 0.0018 0.00242 0.0013 0.00182	rure Content	Result (%) ND ND ND ND ND ND ND ND	Normalization Result (mg/unit) ND ND ND ND ND ND ND ND ND ND
annabinoids nalyte BC BCA BC BCA BCV BD BDA BDV BDVA BCVA BGA	by HPLC-PD	A and/ LoD (%) 0.00095 0.00181 0.0006 0.00081 0.00043 0.00061 0.00021 0.00027 0.00057 0.00049		S/MS LOQ (%) 0.00284 0.00543 0.0018 0.00242 0.0013 0.00182 0.00182 0.00063 0.00172 0.00147	rure Content	Result (%) ND ND ND ND ND ND ND ND ND ND ND ND ND	Normalization Result (mg/unit) ND ND ND ND ND ND ND ND ND ND ND ND ND
annabinoids nalyte BC BCA BCA BCV BDA BDA BDV BDVA BCVA BGA BCA BL	by HPLC-PD	A and/ LoD (%) 0.00095 0.00181 0.0006 0.00081 0.00043 0.00061 0.00021 0.00057 0.00057 0.00049 0.00112		S/MS LOQ (%) 0.00284 0.00543 0.0018 0.00242 0.0013 0.00182 0.00063 0.00172 0.00147 0.00335	rure Content	Result (%) ND ND ND ND ND ND ND ND ND ND ND ND ND	Normalization Result (mg/unit) ND ND ND ND ND ND ND ND ND ND ND ND ND
annabinoids nalyte BC BCA BCA BCV BDA BDA BDV BDVA BCVA BCA BLA	by HPLC-PD	A and/ LoD (%) 0.00095 0.00181 0.0006 0.00081 0.00043 0.00061 0.00057 0.00057 0.00057 0.00049 0.00112 0.00124		S/MS LOQ (%) 0.00284 0.00543 0.0018 0.00242 0.0013 0.00182 0.00182 0.00063 0.00172 0.00147 0.00335 0.00371	rure Content	Result (%) ND ND ND ND ND ND ND ND ND ND ND ND ND	Normalization Result (mg/unit) ND ND ND ND ND ND ND ND ND ND ND ND ND
annabinoids nalyte BC BCA BC BCA BCV BDV BDV BDVA BCV BDVA BCA BCA BL BLA BN	by HPLC-PD	A and/ LoD (%) 0.00095 0.00181 0.0006 0.00081 0.00043 0.00061 0.00021 0.00057 0.00057 0.00049 0.00112 0.00124 0.00056		S/MS LoQ (%) 0.00284 0.00543 0.0018 0.00242 0.0013 0.00182 0.00182 0.00063 0.00172 0.00147 0.00335 0.00371 0.00169	rure Content	Result (%) ND ND ND ND ND ND ND ND ND ND ND ND ND	Normalization Result (mg/unit) ND ND ND ND ND ND ND ND ND ND ND ND ND
annabinoids nalyte 3C 3CA 3CV 3D 3DA 3DA 3DV 3DV 3DV 3DVA 3G 3GA 3L 3L 3L 3L 3L 3L	by HPLC-PD	A and/ LoD (%) 0.00095 0.00181 0.0006 0.00081 0.00043 0.00061 0.00057 0.00057 0.00057 0.0012 0.00124 0.00124 0.00056 0.0006		S/MS LOQ (%) 0.00284 0.00543 0.0018 0.00242 0.0013 0.00182 0.00182 0.00163 0.00172 0.00147 0.00335 0.00371 0.00169 0.00181	rure Content	Result (%) ND ND ND ND ND ND ND ND ND ND ND ND ND	Normalization Result (mg/unit) ND ND ND ND ND ND ND N
annabinoids nalyte BC BCA BCA BCA BCA BCA BDA BDA BDA BCA BCA BCA BL BLA BN BNA BNA BT	by HPLC-PD	A and/ LoD (%) 0.00095 0.00181 0.0006 0.00081 0.00043 0.00057 0.00057 0.00057 0.0012 0.0012 0.00124 0.00124 0.00056 0.0006 0.0018		S/MS LOQ (%) 0.00284 0.00543 0.0018 0.00242 0.0013 0.00182 0.00132 0.00172 0.00147 0.00335 0.00371 0.00169 0.00181 0.0054	rure Content	Result (%) ND ND ND ND ND ND ND ND ND ND ND ND ND	Normalization  Result (mg/unit)  ND  ND  ND  ND  ND  ND  ND  ND  ND  N
annabinoids nalyte BC BCA BCA BCA BCA BCA BDA BDA BDA BCA BCA BCA BL BLA BN BNA BNA BT B-THC	by HPLC-PD	A and/ LoD (%) 0.00095 0.00181 0.0006 0.00081 0.00043 0.00057 0.00057 0.00057 0.00057 0.0012 0.0012 0.00124 0.00124 0.00056 0.0006 0.0018 0.00104		S/MS LOQ (%) 0.00284 0.00543 0.0018 0.00242 0.0013 0.00182 0.00132 0.00172 0.00147 0.00335 0.00371 0.00169 0.00181 0.0054 0.0054 0.0054 0.00312	rure Content	Result         (%)           ND         ND           ND	Result (mg/unit) ND ND ND ND ND ND ND ND ND ND ND ND ND
annabinoids nalyte BC BCA BCV BD BDA BDV BDVA BGA BGA BLA BLA BLA BNA BNA BT 3-THC	by HPLC-PD	A and/ LoD (%) 0.00095 0.00181 0.0006 0.00081 0.00043 0.00057 0.00057 0.00057 0.00057 0.0012 0.0012 0.00124 0.00056 0.0006 0.0018		S/MS LOQ (%) 0.00284 0.00543 0.0018 0.00242 0.0013 0.00182 0.00132 0.00172 0.00147 0.00335 0.00371 0.00169 0.00181 0.0054	rure Content	Result (%) ND ND ND ND ND ND ND ND ND ND ND ND ND	Normalization  Result (mg/unit)  ND  ND  ND  ND  ND  ND  ND  ND  ND  N
Cannabinoids nalyte BC BCA BCV BD BDA BDA BDV BDVA BGA BGA BLA BLA BLA BLA BN BNA BT 8-THC 9-THC	by HPLC-PD	A and/ LoD (%) 0.00095 0.00181 0.0006 0.00081 0.00043 0.00061 0.00057 0.00057 0.00057 0.0012 0.0012 0.0012 0.00124 0.00124 0.00056 0.0006 0.0018 0.0018 0.00104 0.00076 0.00084		S/MS LOQ (%) 0.00284 0.00543 0.0018 0.00242 0.0013 0.00182 0.00132 0.00172 0.00147 0.00335 0.00371 0.00169 0.00181 0.0054 0.0054 0.0054 0.00312	rure Content	Result         (%)           ND         ND           ND	Result (mg/unit) ND ND ND ND ND ND ND ND ND ND ND ND ND
Cannabinoids nalyte BC BCA BCV BD BDA BDA BDV BDVA BGA BCA BLA BLA BLA BLA BLA BLA BLA BLA BLA BL	by HPLC-PD	A and/ LoD (%) 0.00095 0.00181 0.0006 0.00081 0.00043 0.00057 0.00057 0.00057 0.00012 0.00124 0.00124 0.00056 0.0006 0.0018 0.0018 0.00104 0.00076		S/MS LOQ (%) 0.00284 0.00543 0.0018 0.00242 0.0013 0.00182 0.00132 0.00172 0.00147 0.00335 0.00371 0.00169 0.00181 0.0054 0.0054 0.0054 0.0054 0.0054 0.0054	rure Content	Result (%) ND ND ND ND ND ND ND ND ND ND ND ND ND	Result (mg/unit) ND ND ND ND ND ND ND ND ND ND ND ND ND
Total A9-THC Cannabinoids malyte BC BCA BCV BD BDA BDV BDVA BC BCA BLA BLA BLA BLA BN BNA BT 8-THC 9-THC 9-THCA 9-THCV 9-THCV	by HPLC-PD	A and/ LoD (%) 0.00095 0.00181 0.0006 0.00081 0.00043 0.00061 0.00057 0.00057 0.00057 0.0012 0.0012 0.0012 0.00124 0.00124 0.00056 0.0006 0.0018 0.0018 0.00104 0.00076 0.00084		S/MS LOQ (%) 0.00284 0.00543 0.0018 0.00242 0.0013 0.00182 0.00132 0.00172 0.00147 0.00335 0.00371 0.00169 0.00181 0.0054 0.00054 0.0055 0.00527 0.0055 0	rure Content	Result (%) ND ND ND ND ND ND ND ND ND ND ND ND ND	Normalization  Result (mg/unit)  ND  ND  ND  ND  ND  ND  ND  ND  ND  N
Cannabinoids malyte BC BCA BCV BD BDA BDA BDV BDVA BGA BGA BLA BNA BT 8-THC 9-THC 9-THCA 9-THCV	by HPLC-PD	A and/ LoD (%) 0.00095 0.00181 0.0006 0.00081 0.00043 0.00061 0.00057 0.00057 0.00057 0.0012 0.00124 0.00124 0.00124 0.00056 0.0018 0.0018 0.0018 0.00104 0.00076 0.00084 0.00069		S/MS LOQ (%) 0.00284 0.00543 0.0018 0.00242 0.0013 0.00182 0.00182 0.00172 0.00147 0.00315 0.00147 0.00315 0.00181 0.0054 0.0055 0.00	rure Content	Result (%) ND ND ND ND ND ND ND ND ND ND ND ND ND	Normalization  Result (mg/unit)  ND  ND  ND  ND  ND  ND  ND  ND  ND  N

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit;  $\Delta$  = Delta; Total  $\Delta$ 9-THC =  $\Delta$ 9-THCA \* 0.877 +  $\Delta$ 9-THC; Total CBD = CBDA \* 0.877 + CBD;

Generated By: Ryan Bellone CCO Date: 12/06/2023

Tested By: Nicholas Howard

ested By: Nicholas Howarc Scientist Date: 11/16/2023



This product or substance has been tested by KCA Laboratories using validated testing methodologies and an ISO/IEC 170252017 accredited quality system. Values reported relate only to the product or substance tested. The reported result is based on a sample weight. Unless otherwise stated, results of tests performed on all quality control samples met criteria for acceptance established by KCA Laboratories. KCA Laboratories makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected amounts of any substances reported herein. This Certificate of Analysis shall not be reproduced except in full, without the written approval of KCA Laboratories. KCA Laboratories and provide measurement uncertainty upon request.



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DELTA 9 CER Sample ID: SA-23110 Batch: HC8-D9CRB- Type: Finished Produ Matrix: Edible - Othe Unit Mass (g): 86.394	8-29725 1223 uct - Ingestible r	Received: 11/09/2023 Completed: 12/05/2023	2144 Gu Sarasota USA	Concentr8ed If Gate Dr. I, FL 34231 121-N-1909467
Heavy Metal	s by ICP-MS			
Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)	P/F
Arsenic	2	20	<rl< td=""><td>Р</td></rl<>	Р
Cadmium	1	20	ND	P
Lead	2	20	ND	Р
Mercury	12	50	ND	Р

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit

Generated By: Ryan Bellone ссо Date: 12/06/2023

Tested By: Kelsey Rogers Scientist Date: 12/05/2023



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# **DELTA 9 CEREAL BAR**

Sample ID: SA-231108-29725 Batch: HC8-D9CRB-1223 Type: Finished Product - Ingestible Matrix: Edible - Other Unit Mass (g): 86.39412

Received: 11/09/2023 Completed: 12/05/2023 Client Highly Concentr8ed 2144 Gulf Gate Dr. Sarasota, FL 34231 USA Lic. #: 2021-N-1909467

# Pesticides by LC-MS/MS

Analyte	LOD	LOQ	Result	P/F	Analyte	LOD	LOQ	Result	P/F
Analyte	(ppb)	(ppb)	(ppb)		Analyte	(ppb)	(ppb)	(ppb)	P/F
Abamectin	30	100	ND	Ρ	Hexythiazox	30	100	ND	Ρ
Acephate	30	100	ND	Ρ	Imazalil	30	100	ND	Ρ
Acequinocyl	30	100	ND	Р	Imidacloprid	30	100	ND	Ρ
Acetamiprid	30	100	ND	Р	Kresoxim methyl	30	100	ND	Ρ
Aldicarb	30	100	ND	Р	Malathion	30	100	ND	Ρ
Azoxystrobin	30	100	ND	Р	Metalaxyl	30	100	ND	Ρ
Bifenazate	30	100	ND	P	Methiocarb	30	100	ND	Ρ
Bifenthrin	30	100	ND	Р	Methomyl	30	100	ND	Ρ
Boscalid	30	100	ND	Ρ	Mevinphos	30	100	ND	Ρ
Carbaryl	30	100	ND	Р	Myclobutanil	30	100	ND	Ρ
Carbofuran	30	100	ND	Р	Naled	30	100	ND	Ρ
Chloranthraniliprole	30	100	ND	Р	Oxamyl	30	100	ND	Ρ
Chlorfenapyr	30	100	ND	Р	Paclobutrazol	30	100	ND	Ρ
Chlorpyrifos	30	100	ND	Р	Permethrin	30	100	ND	Ρ
Clofentezine	30	100	ND	Р	Phosmet	30	100	ND	Ρ
Coumaphos	30	100	ND	Р	Piperonyl Butoxide	30	100	ND	Ρ
Cypermethrin	30	100	ND	Р	Prallethrin	30	100	ND	Ρ
Daminozide	30	100	ND	Р	Propiconazole	30	100	ND	Ρ
Diazinon	30	100	ND	Р	Propoxur	30	100	ND	Ρ
Dichlorvos	30	100	ND	Р	Pyrethrins	30	100	ND	Ρ
Dimethoate	30	100	ND	Р	Pyridaben	30	100	ND	Ρ
Dimethomorph	30	100	ND	Р	Spinetoram	30	100	ND	Ρ
Ethoprophos	30	100	ND	Р	Spinosad	30	100	ND	Ρ
Etofenprox	30	100	ND	Р	Spiromesifen	30	100	ND	Ρ
Etoxazole	30	100	ND	Р	Spirotetramat	30	100	ND	Ρ
Fenhexamid	30	100	ND	Р	Spiroxamine	30	100	ND	Ρ
Fenoxycarb	30	100	ND	Р	Tebuconazole	30	100	ND	Ρ
Fenpyroximate	30	100	ND	P	Thiacloprid	30	100	ND	Ρ
Fipronil	30	100	ND	Р	Thiamethoxam	30	100	ND	Ρ
Flonicamid	30	100	ND	P	Trifloxystrobin	30	100	ND	Ρ
Fludioxonil	30	100	ND	Р					

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit

Generated By: Ryan Bellone CCO Date: 12/06/2023

ilum<sup>is</sup> Tested By: Jasper van Heemst



Principal Scientist Date: 11/27/2023

This product or substance has been tested by KCA Laboratories using validated testing methodologies and an ISO/IEC 170252017 accredited quality system. Values reported relate only to the product or substance tested. The reported result is based on a sample weight. Unless otherwise stated, results of tests performed on all quality control samples met criteria for acceptance established by KCA Laboratories. KCA Laboratories makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected amounts of any substances reported herein. This Certificate of Analysis shall not be reproduced except in full, without the written approval of KCA Laboratories. KCA Laboratories are provide measurement uncertainty upon request.



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DELTA 9 CEREA Sample ID: SA-231108-29 Batch: HC8-D9CRB-1223 Type: Finished Product - Matrix: Edible - Other Unit Mass (g): 86.39412	725	Received: 11/09/2023 Completed: 12/05/202	3 H 21 Si U	lient ighly Concentr8ed 44 Gulf Gate Dr. arasota, FL 34231 SA c. #: 2021-N-1909467	
Mycotoxins by		LOQ (ppb)	Result (ppb)	P/F	
BI	1	5	ND	Р	
B2	1	5	ND	Р	
GI	1	5	ND	Р	
G2	1	5	ND	Р	
Ochratoxin A	1	5	ND	P	

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit

Generated By: Ryan Bellone CCO Date: 12/06/2023

MUUNE Tested By: Jasper van Heemst

ested By: Jasper van Heem: Principal Scientist Date: 11/27/2023



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Salmonella spp.

Shiga-toxin producing E. coli (STEC)

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+1-833-KCA-LABS https://kcalabs.com KDA Lic.# P\_0058

P

Ρ

Not Detected per 1 gram

Not Detected per 1 gram

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Sample ID: SA-231108-29725 Batch: HC8-D9CRB-1223 Type: Finished Product - Ingestible Matrix: Edible - Other Unit Mass (g): 86.39412		ed: 11/09/2023 eted: 12/05/2023	Client Highly Concen 2144 Gulf Gate Sarasota, FL 34 USA Lic. #: 2021-N-19	Dr. 231	
Microbials by PCR and F	Plating				
Analyte	LOD (CFU/g)	Result (CFU/g)	Result (Qualitative)	P/F	
Total aerobic count	10	<rl< td=""><td></td><td>Р</td><td></td></rl<>		Р	
Total coliforms	10	ND		Р	
Generic E. coli	10	ND		Р	

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; CFU = Colony Forming Units; P = Pass; F = Fail; RL = Reporting Limit

Generated By: Ryan Bellone CCO Date: 12/06/2023

Tested By: Lucy Jones Scientist Date: 11/21/2023



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# **DELTA 9 CEREAL BAR**

Sample ID: SA-231108-29725 Batch: HC8-D9CRB-1223 Type: Finished Product - Ingestible Matrix: Edible - Other Unit Mass (g): 86.39412

Received: 11/09/2023 Completed: 12/05/2023 Client Highly Concentr8ed 2144 Gulf Gate Dr. Sarasota, FL 34231 USA Lic. #: 2021-N-1909467

# **Residual Solvents by HS-GC-MS**

Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)	P/F	Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)	P/F
Acetone	167	500	ND	P	Ethylene Oxide	0.5	1	ND	Ρ
Acetonitrile	14	41	ND	Ρ	Heptane	167	500	ND	Ρ
Benzene	0.5	1	ND	Ρ	n-Hexane	10	29	ND	Ρ
Butane	167	500	ND	Р	Isobutane	167	500	ND	Ρ
1-Butanol	167	500	ND	Ρ	Isopropyl Acetate	167	500	ND	Р
2-Butanol	167	500	ND	Р	Isopropyl Alcohol	167	500	ND	Ρ
2-Butanone	167	500	ND	Р	Isopropylbenzene	167	500	ND	Ρ
Chloroform	2	6	ND	P	Methanol	100	300	ND	Ρ
Cyclohexane	129	388	ND	Р	2-Methylbutane	10	29	ND	Ρ
1,2-Dichloroethane	0.5	1	ND	Р	Methylene Chloride	20	60	ND	Ρ
1,2-Dimethoxyethane	4	10	ND	Р	2-Methylpentane	10	29	ND	Ρ
Dimethyl Sulfoxide	167	500	ND	Р	3-Methylpentane	10	29	ND	Ρ
N,N-Dimethylacetamide	37	109	ND	Р	n-Pentane	167	500	ND	Р
2,2-Dimethylbutane	10	29	ND	Р	1-Pentanol	167	500	ND	Ρ
2,3-Dimethylbutane	10	29	ND	Р	n-Propane	167	500	ND	Ρ
N,N-Dimethylformamide	30	88	ND	Р	1-Propanol	167	500	ND	Ρ
2,2-Dimethylpropane	167	500	ND	Р	Pyridine	7	20	ND	Ρ
1,4-Dioxane	13	38	ND	Р	Tetrahydrofuran	24	72	ND	Ρ
Ethanol	167	500	ND	Р	Toluene	30	89	ND	Ρ
2-Ethoxyethanol	6	16	ND	Р	Trichloroethylene	3	8	ND	Ρ
Ethyl Acetate	167	500	ND	Р	Xylenes (o-, m-, and p-)	73	217	ND	Ρ
Ethyl Ether	167	500	ND	Р					
Ethylbenzene	3	7	ND	Р					

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit

Generated By: Ryan Bellone CCO Date: 12/06/2023

Tested By: Kelsey Rogers Scientist

Date: 11/20/2023

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# **DELTA 9 CEREAL BAR**

Sample ID: SA-231108-29725 Batch: HC8-D9CRB-1223 Type: Finished Product - Ingestible Matrix: Edible - Other Unit Mass (g): 86.39412

Received: 11/09/2023 Completed: 12/05/2023

## Client

Highly Concentr8ed 2144 Gulf Gate Dr. Sarasota, FL 34231 USA Lic. #: 2021-N-1909467

# **Reporting Limit Appendix**

### Heavy Metals - Colorado CDPHE

Analyte	Limit (ppb	) Analyte	Limit (ppb)
Arsenic	1500	Lead	500
Cadmium	500	Mercury	1500

### Microbials -

Analyte	Limit (CFU/ g) Analyte	Limit (CFU/ g)
Total coliforms	100 Total aerobic count	10000

## Residual Solvents - USP 467

Analyte	Limit (ppm)	Analyte	Limit (ppm)
Acetone	5000	Ethylene Oxide	1
Acetonitrile	410	Heptane	5000
Benzene	2	n-Hexane	290
Butane	5000	Isobutane	5000
1-Butanol	5000	Isopropyl Acetate	5000
2-Butanol	5000	Isopropyl Alcohol	5000
2-Butanone	5000	Isopropylbenzene	5000
Chloroform	60	Methanol	3000
Cyclohexane	3880	2-Methylbutane	290
1,2-Dichloroethane	5	Methylene Chloride	600
1,2-Dimethoxyethane	100	2-Methylpentane	290
Dimethyl Sulfoxide	5000	3-Methylpentane	290
N,N-Dimethylacetamide	1090	n-Pentane	5000
2,2-Dimethylbutane	290	1-Pentanol	5000
2,3-Dimethylbutane	290	n-Propane	5000
N,N-Dimethylformamide	880	1-Propanol	5000
2,2-Dimethylpropane	5000	Pyridine	200
1,4-Dioxane	380	Tetrahydrofuran	720
Ethanol	5000	Toluene	890
2-Ethoxyethanol	160	Trichloroethylene	80
Ethyl Acetate	5000	Xylenes (o-, m-, and p-)	2170
Ethyl Ether	5000		
Ethylbenzene	70		

## Pesticides - CA DCC

Analyte	Limit (ppb)	Analyte	Limit (ppb)
Abamectin	300	Hexythiazox	2000
Acephate	5000	Imazalil	30

Pesticides - CA DO	c State		
Analyte	Limit (ppb)	Analyte	Limit (ppb)
Acequinocyl	4000	Imidacloprid	3000
Acetamiprid	5000	Kresoxim methyl	1000
Aldicarb	30	Malathion	5000
Azoxystrobin	40000	Metalaxyl	15000
Bifenazate	5000	Methiocarb	30
Bifenthrin	500	Methomyl	100
Boscalid	10000	Mevinphos	30
Carbaryl	500	Myclobutanil	9000
Carbofuran	30	Naled	500
Chloranthraniliprole	40000	Oxamyl	200
Chlorfenapyr	30	Paclobutrazol	30
Chlorpyrifos	30	Permethrin	20000
Clofentezine	500	Phosmet	200
Coumaphos	30	Piperonyl Butoxide	8000
Cypermethrin	1000	Prallethrin	400
Daminozide	30	Propiconazole	20000
Diazinon	200	Propoxur	30
Dichlorvos	30	Pyrethrins	1000
Dimethoate	30	Pyridaben	3000
Dimethomorph	20000	Spinetoram	3000
Ethoprophos	30	Spinosad	3000
Etofenprox	30	Spiromesifen	12000
Etoxazole	1500	Spirotetramat	13000
Fenhexamid	10000	Spiroxamine	30
Fenoxycarb	30	Tebuconazole	2000
Fenpyroximate	2000	Thiacloprid	30
Fipronil	30	Thiamethoxam	4500
Flonicamid	2000	Trifloxystrobin	30000
Fludioxonil	30000		

#### Mycotoxins - Colorado CDPHE

Analyte	Limit (ppm) Anal	yte Limit (ppm)
B1	5 B2	5
GI	5 G2	5
Ochratoxin A	5	



This product or substance has been tested by KCA Laboratories using validated testing methodologies and an ISO/IEC 170252017 accredited quality system. Values reported relate only to the product or substance tested. The reported result is based on a sample weight. Unless otherwise stated, results of tests performed on all quality control samples met criteria for acceptance established by KCA Laboratories. KCA Laboratories makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected amounts of any substances reported herein. This Certificate of Analysis shall not be reproduced except in full, without the written approval of KCA Laboratories. KCA Laboratories can provide measurement uncertainty upon request.