

Silliker Canada Co., Burnaby Laboratory

106-8255 North Fraser Way, Burnaby, BC V3N 0B9

Tel. 866-211-7499 Fax. 604-432-7768

Email: getresultsca1@mxns.com

COA No:	BRN-46922179-1
Supersedes:	BRN-46922179-0
COA Date	2/16/24
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Received From:	Saskatoon, SK
Received Date:	2/16/24

Location of Test: (except where noted)	Burnaby, BC
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TO:
 Hyrum Stanger
 Zatural LLC
 1150 E 990 S
 Eden, ID 8325

Analytical Results

Laboratory ID: 425652141 **Condition Rec'd:** NORMAL **Temp Rec'd (°C):** 16
Sample Name: NU23071BS02A
Lab Instructions: Please only analyze: Arsenic, Cadmium, Chromium, Lead, Mercury, Selenium and Silver via ICP-MS
Product Description: Conventional Hulled Hemp Seed
Lot Number: NU23071BS02A
Additional field 1: Please only analyze: Arsenic, Cadmium, Chromium, Lead, Mercury, Selenium and Silver via ICP-MS

<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method Reference</u>	<u>Test Date</u>	<u>Loc.</u>
Mercury	<0.005	ppm (w/w)			
Selenium	1	ppm (w/w)			
Silver	<0.02	ppm (w/w)			
* Moisture - Forced Air Oven	5.32	% (w/w)	AOAC 920.146B	3/8/23	
Peroxide Value - Extraction	2.79	mEq/kg	AOCS Cd 8b-90 (mod)	3/8/23	
* Pesticides in Cannabis			Agilent 5994-0429EN	3/10/23	
Abamectin	<0.1	ppm (w/w)			
Acephate	<0.02	ppm (w/w)			
Acequinocyl	<1	ppm (w/w)			
Acetamiprid	<0.1	ppm (w/w)			
Aflatoxin B1	<0.25	ppm (w/w)			
Aflatoxin B2	<0.25	ppm (w/w)			
Aflatoxin G1	<0.25	ppm (w/w)			
Aflatoxin G2	<0.25	ppm (w/w)			
Aldicarb	<1	ppm (w/w)			
Allethrin	<0.2	ppm (w/w)			
Azoxystrobin	<0.02	ppm (w/w)			
Benzovindiflupyr	<0.02	ppm (w/w)			
Bifenthrin	<1	ppm (w/w)			
Boscalid	<0.02	ppm (w/w)			
Buprofezin	<0.02	ppm (w/w)			
Carbaryl	<0.05	ppm (w/w)			
Carbofuran	<0.02	ppm (w/w)			

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Chlorantraniliprole	<0.02	ppm (w/w)			
Chlorfenapyr	<0.05	ppm (w/w)			
Chlorpyrifos	<0.04	ppm (w/w)			
Clofentezine	<0.02	ppm (w/w)			
Clothianidin	<0.05	ppm (w/w)			
Coumaphos	<0.02	ppm (w/w)			
Cyantraniliprole	<0.02	ppm (w/w)			
Cyfluthrin	<0.2	ppm (w/w)			
Cypermethrin	<0.3	ppm (w/w)			
Cyprodinil	<0.25	ppm (w/w)			
Daminozide	<0.1	ppm (w/w)			
Deltamethrin	<0.5	ppm (w/w)			
Diazinon	<0.02	ppm (w/w)			
Dichlorvos	<0.1	ppm (w/w)			
Dimethoate	<0.02	ppm (w/w)			
Dimethomorph	<0.05	ppm (w/w)			
Dinotefuran	<0.1	ppm (w/w)			
Dodemorph	<0.05	ppm (w/w)			
Endosulfan (alpha)	<0.2	ppm (w/w)			
Endosulfan (beta)	<0.05	ppm (w/w)			
Endosulfan sulfate	<0.05	ppm (w/w)			
Ethoprophos	<0.02	ppm (w/w)			
Etofenprox	<0.05	ppm (w/w)			

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CERTIFICATE OF ANALYSIS

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Table with COA No, Supersedes, COA Date, and Page 4 of 7

TO:
Hyrum Stanger
Zatural LLC
1150 E 990 S
Eden, ID 8325

Table with Received From, Received Date

Table with Location of Test: (except where noted) Burnaby, BC

Analytical Results

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Table with columns: Analyte, Result, Units, Method Reference, Test Date, Loc. Lists various pesticides and their results.

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Ochratoxin	<0.02	ppm (w/w)			
Oxamyl	<0.1	ppm (w/w)			
Paclobutrazol	<0.02	ppm (w/w)			
Parathion-methyl	<0.05	ppm (w/w)			
Permethrin	<0.5	ppm (w/w)			
Phenothrin	<0.05	ppm (w/w)			
Phosmet	<0.02	ppm (w/w)			
Piperonyl butoxide	<0.2	ppm (w/w)			
Pirimicarb	<0.02	ppm (w/w)			
Prallethrin	<0.05	ppm (w/w)			
Propiconazole	<0.1	ppm (w/w)			
Propoxur	<0.02	ppm (w/w)			
Pyraclostrobin	<0.02	ppm (w/w)			
Pyrethrin I	<0.05	ppm (w/w)			
Pyrethrin II	<0.05	ppm (w/w)			
Pyridaben	<0.05	ppm (w/w)			
Quintozene (PCNB)	<0.02	ppm (w/w)			
Resmethrin	<0.1	ppm (w/w)			
Spinetoram Total	<0.02	ppm (w/w)			
Spinosad Total	<0.1	ppm (w/w)			
Spirodiclofen	<0.25	ppm (w/w)			
Spiromesifen	<3	ppm (w/w)			
Spirotetramat	<0.02	ppm (w/w)			

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Tebuconazole	<0.05	ppm (w/w)			
Tebufenozide	<0.02	ppm (w/w)			
Teflubenzuron	<0.05	ppm (w/w)			
Tetrachlorvinphos	<0.02	ppm (w/w)			
Tetramethrin	<0.1	ppm (w/w)			
Thiacloprid	<0.02	ppm (w/w)			
Trifloxystrobin	<0.02	ppm (w/w)			
-	-	-			
* Vomitoxin	<0.5	ppb (w/w)	WGF CMM BFCL-038	3/15/23	
* Aerobic Colony Count					
* Aerobic Plate Count - Petrifilm	12000	CFU/g	MFHPB 33	3/9/23	
* E. coli / Coliform - Petrifilm			MFHPB-34	3/4/23	
Coliform-Petrifilm	50	CFU/g			
E. coli-Petrifilm	<10	CFU/g			
Listeria monocytogenes (ELFA)	Negative	/25g	MFLP-33	3/5/23	
* Salmonella ELFA - SPT	Negative	/25g	MFLP-49	3/3/23	
* Staphylococcus aureus	<10	CFU/g	MFHPB 21	3/8/23	
* Yeast and Mold			MFHPB 22	3/7/23	
Yeast	150	CFU/g			
Mold	2100	CFU/g			

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