



High Brix Manufacturing Inc.
Attn: Greg Moline
25147 Township Road 490
Leduc County, AB T4X 2N4

March 21, 2022

Dear Mr. Moline,

Thank you for applying for organic input material approval with the Centre for Systems Integration (CSI). We have completed our review of the inspection report submitted for approval of your input material(s).

Please note that if you make any changes to your operation over the course of the year, you must amend your application and submit the changes to CSI for review.

Congratulations on achieving approval of your input. Your product list and attestation of compliance are enclosed.

Yours truly,

Dave Lockman
Certification Director



Canadian
Identity Preserved
Recognition System
Accredited
Service Provider

Système canadien
de reconnaissance
de ségrégation
Fournisseur
agréé de services



CSI
Centre for Systems Integration

Input Supplier: High Brix Manufacturing Inc.
Input Supplier Number: 8029-INP
Attestation Number: 8029-INP-22
Issue Date: 21-Mar-2022

LIST OF PRODUCTS APPROVED FOR USE IN ORGANIC PRODUCTION

An operator intending to use any product listed below as approved for use in organic production under the Canadian organic standards, CAN/CGSB-32.310 and CAN/CGSB-32.311, must verify with their certification body that the product is acceptable for use prior to incorporation into the organic system plan.

PRODUCT	Intended use (CF=crop fertility; CP=crop protection; LF=Livestock feed; LH=Livestock healthcare; P=Processing input)	BRAND NAME	RESTRICTIONS
Mineralized Soft Rock Phosphate	CF	High Brix Manufacturing	
GSR Calcium Genesis Soil Rite Dormant Mix	CF	Soil Works	
GSR Calcium Genesis Soil Rite Growing Mix	CF	Soil Works	
Zumsil	CF	High Brix Manufacturing	To be used when soil and plant silica deficiencies are documented by visual symptoms or by testing of soil and/or plant tissue, or when the need for a preventative application can be documented.



Attestation Number: 8029-INP-22

Initial Effective Date: 21-Mar-2022

Attestation Expiry Date: 31-Mar-2023

Attestation of Input Compliance

This attestation is based on the compliance of products which are approved for use in organic production, at the discretion of the operator's certification body, with the national organic standards of Canada CAN/CGSB-32.310 and 32.311.

This attestation expires on the date noted above or until it is suspended or cancelled by the Centre for Systems Integration.

High Brix Manufacturing Inc.

25147 Township Road 490

Leduc County, AB, T4X 2N4, Canada.

This attestation confirms the compliance of the products as per the attached list.

Input Supplier #: 8029-INP

A handwritten signature in blue ink, appearing to read 'Ryan W. K.', is written over a horizontal line.

Signature of CSI Representative

21-Mar-2022

Issue Date

Certification Body:

The Centre for Systems Integration (CSI)*
Catherine Street, Suite 200
Ottawa, Ontario, Canada K2P 2G8
1-800-516-3300

REPORT NO.
C20323-70014

ACCOUNT NUMBER
95000

A & L Canada Laboratories Inc.

2136 Jetstream Road, London, ON, N5V 3P5 Tel: (519) 457-2575 Fax: (519) 457-2664



TO:BACK TO YOUR ROOTS SOLUTIONS
BOX 1236
SHELLBROOK, SK S0J 2E0

Phone:519-457-2575

CERTIFICATE OF ANALYSIS

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PROJECT NO:
PO#:
LAB NUMBER:3237027
SAMPLE ID:CALCIUM

SAMPLE MATRIX:SOLID
DATE SAMPLED:NONE GIVEN
DATE RECEIVED:2020-11-18
DATE REPORTED:
DATE PRINTED:2020-11-25

PARAMETER	RESULT	UNIT	DETECTION LIMIT	METHOD REFERENCE
Arsenic	BDL	ug/g	1	EPA 3050B/6010B(mod) *
Cadmium	BDL	ug/g	0.50	EPA 3050B/6010B(mod) *
Chromium	7.35	ug/g	1.00	EPA 3050B/6010 (mod) *
Cobalt	BDL	ug/g	1.00	EPA 3050B/6010 (mod) *
Copper	1.10	ug/g	1.00	EPA 3050B/6010 (mod)*
Lead	BDL	ug/g	1	EPA 3050B/6010B(mod) *
Mercury	BDL	ug/g	0.1	EPA 7471 *
Molybdenum	BDL	ug/g	1.0	EPA 3050B/6010 (mod)*
Nickel	2.82	ug/g	1.00	EPA 3050B/6010 (mod) *
Selenium	BDL	ug/g	1.00	EPA 3050B/6010 (mod) *
Zinc	11.30	ug/g	1.00	EPA 3050B/6010 (mod)*

Comment:

Results reported on a dry weight basis

* - accredited test

BDL - Below detectable levels

The results of this report relate to the sample submitted and analyzed.



C20323-70014

Results Authorized By: _____

Haifeng Song, Ph.D., C.Chem. Lab Director

A&L Canada Laboratories Inc. is accredited by the Standards Council of Canada for specific tests as listed on www.scc.ca and by the Canadian Association for Laboratory Accreditation as listed on www.cala.ca

Additional information available upon request

This Certificate of Analysis has been prepared for use by the Recipient only. Possession of this Certificate of Analysis, does not carry with it the right to reproduction or publication in whole or in part nor may it be used by anyone other than the Recipient without the prior written consent and approval of A & L Canada Laboratories Inc. ("A&L Canada"). Upon receipt of this Certificate of Analysis by the Recipient from A&L Canada, A&L Canada shall not be responsible for and no claim shall be advanced against A&L Canada as a result of the unauthorized reproduction, use or distribution of this Certificate of Analysis.



Safety Data Sheet

Section 1: Identification

- **Product Identity:** Genesis Soil Rite Calcium, Dormant Mix & Growing Mix
- **Soil Works, LLC** 4200 W 8th, Yankton, SD 57078
- **Phone:** 605-260-0784
- **Recommended Use:** Fertilizer, plant nutrient

Section 2: Hazard(s) Identification

- **Do Not Inhale:** High concentrations or prolonged exposure can cause coughing and corrosion of mucus membranes. Mechanical eye irritant - Exposure can cause severe irritation including tearing, redness and swelling.
- **Acute Health Hazards:** Nuisance dust
- **Chronic Health Hazards:** Nuisance dust
- **Medical Conditions Generally Aggravated by Exposure:** Any pre-existing upper respiratory ailment or allergic sensitivity.

Section 3: Composition/Information on Ingredients

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret is required.

Section 4: First Aid Measures

- **Inhalation:** Remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Call a physician.
- **Eye or Skin Contact:** Immediately flush eyes with plenty of water for at least 15 minutes. Hold eyelids open during flushing. Call physician. Wipe or brush off as much material as possible from skin, then follow up with water. Sponge or rinse off remainder using water. Get medical attention if skin irritation occurs.
- **Ingestion:** If conscious, drink large quantities of water. Do not induce vomiting. Take immediately to a hospital or physician. If vomiting occurs, administer additional water. If unconscious or in convulsions, take immediately to hospital. Do not attempt to induce vomiting or give anything by mouth to an unconscious person.
- **Notes to Physician Including Antidotes:** Treat symptomatically.

Section 5: Fire Fighting Measures

- **Product Is Not Flammable:** However firefighters should wear self-contained positive breathing apparatus and avoid skin contact.

Section 6: Accidental Release Measures

- **Waste Deposit Method:** Recovered solids or liquids may be sent to a licensed reclaimer or disposed of in a permitted waste management facility.

Section 7: Handling and Storage

- **Any person entering** either a significant spill area or an unknown concentration of dust should use a NIOSH-approved respirator.

Section 8: Exposure Controls/Personal Protection

- **Protective Clothing or Equipment:** Skin contact with dust should be minimized through use of gloves and suitable long-sleeved clothing selected with regard for use condition exposure potential.
- **Work/Hygienic Practices:** Wash hands prior to eating, drinking or using rest rooms.

Section 9: Physical and Chemical Properties

- **Appearance:** Speckled white powder
- **Odor:** Characteristic, mild odor
- **Boiling Point:** Not applicable
- **Solubility:** Soluble in water
- **Physical State:** Powder
- **pH:** N/A
- **Specific Gravity:** N/A
- **Vapor pressure:** N/A
- **Vapor Density:** N/A
- **Boiling Point:** N/A
- **Freezing Point:** N/A
- **Flammability:** Non combustible.

Section 10: Stability and Reactivity

- **Stability:** Stable
- **Conditions to avoid:** Exposure to moist air to avoid absorption of water from air.
- **Incompatibility:** Acids
- **Polymerization:** Will not occur.
- **Hazardous Decomposition:** None known.

Section 11: Toxicological Information

- **Contact Soil Works** for comprehensive list. No danger present.

Section 12: Ecological Information

- **Environmental fate and toxicity:** No information found.

Section 13: Disposal Considerations

- **Disposal of product** must meet all federal and state regulations upon disposal.
- **Check local landfills** for rules and regulations.

Section 14: Transport Information

- **Not regulated as Hazardous Material.**
- **Trucking Class: 50 NMFC # 68140-5**

Section 15: Regulatory Information

• Domestic Information

OSHA Hazards: Irritant

SARA 302 Components: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components: This material does not contain any chemical components. With known CAS number that exceed the threshold (De Minimis) reporting levels. Established by SARA Title III, Section 313.

SARA 311/312 Hazards: Acute health hazard.

Massachusetts Right To Know Components: None.

Pennsylvania Right To Know Components: None

New Jersey Right to Know Components: None

California Prop. 65 Components: This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

US Federal: CAS #: 471-34-1

• Risk Phrases

R 36/37/38 Irritating to eyes, respiratory system and skin.

• Safety Phrases

S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S 37/39 Wear suitable gloves and eye/face protection.

WGK (Water/Danger Protection)

CAS #: 471-34-1

Section 16: Other Information

- **The above information should be used as a guideline.** The information provided is true to the best of the company's ability and should not be used as an all-inclusive list of safety standards. Contact Soil Works if more information is requested.