



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

March 15, 2023

Dear Mr. Moline,

Please find attached your 2023 Attestation of Compliance along with your List of Products.

On March 31, 2023, this Attestation of Compliance and list will replace the one issued to you for 2022.

If you would like to receive a hard copy of these, please reply to this email.

Yours truly,

A handwritten signature in black ink that reads "Jennifer Scott". The signature is written in a cursive style with a large initial "J" and a long, sweeping underline.

Jennifer Scott  
Manager of Client Programs



*Attestation Number: 8029-INP-23*

*Initial Effective Date: 21-Mar-2022*

*Attestation Expiry Date: 31-Mar-2024*

## **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

31-Mar-2023

Issue Date

**Certification Body:**

**The Centre for Systems Integration (CSI)\***  
85 Albert Street, Suite 1100  
Ottawa, Ontario, Canada K1P 6A4  
1-800-516-3300



**CSI**  
Centre for Systems Integration

Input Supplier: High Brix Manufacturing Inc.  
Input Supplier Number: 8029-INP  
Attestation Number: 8029-INP-23  
Issue Date: 31-Mar-2023

### 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.

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

PAGE: 1 / 2

PROJECT NO:  
PO#:  
LAB NUMBER:3237026  
SAMPLE ID:ROCK PHOSPHATE

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	21	ug/g	1	EPA 3050B/6010B(mod) *
Total Phosphorus (as P205)	22.49	%	0.05	ICP
Cadmium	1.20	ug/g	0.50	EPA 3050B/6010B(mod) *
Chromium	86.40	ug/g	1.00	EPA 3050B/6010 (mod) *
Cobalt	2.92	ug/g	1.00	EPA 3050B/6010 (mod) *
Copper	42.30	ug/g	1.00	EPA 3050B/6010 (mod)*
Lead	7	ug/g	1	EPA 3050B/6010B(mod) *
Mercury	0.1	ug/g	0.1	EPA 7471 *
Molybdenum	19.1	ug/g	1.0	EPA 3050B/6010 (mod)*
Nickel	64.20	ug/g	1.00	EPA 3050B/6010 (mod) *
Selenium	BDL	ug/g	1.00	EPA 3050B/6010 (mod) *
Vanadium	38.67	ug/g	1.00	EPA 3050/6010 (mod)*
Zinc	111.40	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](http://www.scc.ca) and by the Canadian Association for Laboratory Accreditation as listed on [www.cala.ca](http://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.

# MATERIAL SAFETY DATA SHEET

## Micronized Soft Rock Phosphate

**EMERGENCY CALL 911 or CANUTEC: 1-(613) 996-6666 or \* 666 on cell phones**

### Section 1: Product Information

Manufacturers name and Address:  
High Brix Manufacturing  
Box 5211  
Leduc, Alberta, T9E6L6

Trade Name: Micronized Soft Rock Phosphate

Synonyms: Phosphate Rock (minerals rock); apatite rock deposit; soft rock phosphate; organic rock phosphate.

**In case of emergency call 911 or Canutec: 1 (613) 996-6666 or \*666 on your cell phone**

### 2. Hazardous Ingredients

Component	CAS No.	%	Exposure Limits	Hazard
Not Applicable				

### 3. Physical Data

-Boiling Point: N/A  
-Freezing Point: Decomposes  
-Vapour Pressure: N/A

-Vapour Density: N/A  
-Evaporation Rate: N/A  
-Appearance and Odour: Brown powdered rock

### 4. Fire and Explosion Hazard Data

Flammable Limits in air(upper):No Data  
Flammable Limits in air(lower):No Data

Flash Point (Degrees F):  
Means of extinction: Use water, CO2, dry chemical foam

Unusual Fire and Explosion Hazards: Avoid production in a dusty area where there is electrical or local burning.

### 5. Reactivity Data

Stability: Very Stable when dry  
Conditions of reactivity: Temperatures in excess of 150 degrees C.  
Materials to avoid: Bases and Hypochlorite's  
Hazardous Decomposition Products: Ammonia, Carbon Monoxide, Cyanuric Acid and sulphur dioxide.

### 6. Toxicology Properties

Avoid contact with eyes, mouth or excess dust in ear cavities. May also cause irritation to skin upon contact. Also can cause lung damage, if dust is consumed on a regular basis due to the silica content.  
Carcinogenicity: None of the materials are carcinogens.

### 7. Preventive Measures

**Control measures:** Ventilate to control dust.  
**Respiratory Protection:** A NIOSH or MSHA approved respirator should be worn when dust levels exceed 15 mg/m3  
**Protective Clothing:** Normal clothing or coveralls, rubber gloves.  
**Eye Protection:** Wear Safety glasses or goggles to avoid eye contact.  
**Spill or Leak Precautions:** Sweep, shovel or vacuum into sealable waste containers. Flush area with plenty of water. Prevent contamination of sewers, streams, lakes, ponds and domestic waterways.  
**Waste Disposal:** Dispose of in accordance with local, provincial and federal regulations. Return recovered material to manufacturer for recycling or reprocessing.  
**Storage and Handling Precautions:** Keep out of reach of children. Store in a dry place. Do not store with seeds or foodstuffs. Avoid direct and prolonged contact with skin.

### 8. First Aid Measures

**Primary Route of Exposure:** Skin or eye contact, inhalation.  
If inhaled: Move victim to fresh air.  
**In case of eye contact:** Flush immediately with large amounts of water for 15 minutes. Seek attention if irradiation persists.  
**In case of skin contact:** Wash with soap and water. Flush affected areas with large amount of cold water. Contaminated clothing should be washed.  
**If Swallowed:** Signs and symptoms: Excess ingestions must occur before any health hazard results. Effects of overexposure may include nausea, vomiting, diarrhea, weakness or convulsions. Treatment: For large amounts, seek medical attention.

### 9. Preparation Date

Cindy Moline, High Brix Manufacturing 1-306-747-4744 2021-01-25

# MATERIAL SAFETY DATA SHEET

## 3/8 Grind Soft Rock Phosphate

EMERGENCY CALL 911 or CANUTEC: 1-(613) 996-6666 or \* 666 on cell phones

### Section 1: Product Information

Manufacturers name and Address:  
High Brix Manufacturing  
Box 5211  
Leduc, Alberta, T9E6L6

Trade Name: Micronized Soft Rock Phosphate

Synonyms: Phosphate Rock (minerals rock); apatite rock deposit; soft rock phosphate; organic rock phosphate.

**In case of emergency call 911 or Canutec: 1 (613) 996-6666 or \*666 on your cell phone**

### 2. Hazardous Ingredients

Component	CAS No.	%	Exposure Limits	Hazard
Not Applicable				

### 3. Physical Data

-Boiling Point: N/A  
-Freezing Point: Decomposes  
-Vapour Pressure: N/A

-Vapour Density: N/A  
-Evaporation Rate: N/A  
-Appearance and Odour: Brown powdered rock

### 4. Fire and Explosion Hazard Data

Flammable Limits in air(upper):No Data  
Flammable Limits in air(lower):No Data

Flash Point (Degrees F):  
Means of extinction: Use water, CO2, dry chemical foam

Unusual Fire and Explosion Hazards: Avoid production in a dusty area where there is electrical or local burning.

### 5. Reactivity Data

Stability: Very Stable when dry

Conditions of reactivity: Temperatures in excess of 150 degrees C.

Materials to avoid: Bases and Hypochlorite's

Hazardous Decomposition Products: Ammonia, Carbon Monoxide, Cyanuric Acid and sulphur dioxide.

### 6. Toxicology Properties

Avoid contact with eyes, mouth or excess dust in ear cavities. May also cause irritation to skin upon contact. Also can cause lung damage, if dust is consumed on a regular basis due to the silica content.

Carcinogenicity: None of the materials are carcinogens.

### 7. Preventive Measures

**Control measures:** Ventilate to control dust.

**Respiratory Protection:** A NIOSH or MSHA approved respirator should be worn when dust levels exceed 15 mg/m3

**Protective Clothing:** Normal clothing or coveralls, rubber gloves.

**Eye Protection:** Wear Safety glasses or goggles to avoid eye contact.

**Spill or Leak Precautions:** Sweep, shovel or vacuum into sealable waste containers. Flush area with plenty of water. Prevent contamination of sewers, streams, lakes, ponds and domestic waterways.

**Waste Disposal:** Dispose of in accordance with local, provincial and federal regulations. Return recovered material to manufacturer for recycling or reprocessing.

**Storage and Handling Precautions:** Keep out of reach of children. Store in a dry place. Do not store with seeds or foodstuffs. Avoid direct and prolonged contact with skin.

### 8. First Aid Measures

**Primary Route of Exposure:** Skin or eye contact, inhalation.

If inhaled: Move victim to fresh air.

**In case of eye contact:** Flush immediately with large amounts of water for 15 minutes. Seek attention if irradiation persists.

**In case of skin contact:** Wash with soap and water. Flush affected areas with large amount of cold water. Contaminated clothing should be washed.

**If Swallowed:** Signs and symptoms: Excess ingestions must occur before any health hazard results. Effects of overexposure may include nausea, vomiting, diarrhea, weakness or convulsions. Treatment: For large amounts, seek medical attention.

### 9. Preparation Date

Cindy Nikolaisen , High Brix Manufacturing 1-306-747-4744 2021-01-23