



Back To Your Roots Soil Solutions

High Brix Manufacturing

Organic Paperwork for Verification 2021

Micronized Soft Rock Phosphate

3/8 Grind Soft Rock Phosphate

High Brix Manufacturing
Box 5211 ,
Leduc, Alberta, T9E 6L6
Client #: 170764

RESULT OF THE DOCUMENTARY EVALUATION

ISSUED: January 25, 2021

EXPIRES: February 4, 2022

Madam/Sir,

ECOCERT CANADA has reviewed the declared formulae for the products listed below against the *National Standard of Canada on Organic Production Systems and Permitted Substances Lists* (CAN/CGSB 32.310-2020 and CAN/CGSB 32.311-2020).

ECOCERT CANADA has verified that all the declared ingredients appear on the *Permitted Substances Lists* (CAN/CGSB-32.311-2020) applicable sections and are compliant with any restrictions regarding their production and composition.

ECOCERT CANADA has also verified that the declared processes used in the manufacture of these products (and their ingredients) are compliant with sections 1.4. & 1.5. of CAN/CGSB-32.310-2020.

When restrictions apply regarding the use of such substances, they are indicated in the table in annex.

We remind you that no reference to ECOCERT CANADA is allowed on the labels and promotional material of these products.

This document is valid until its expiration date. A new evaluation is required every year.

Yours truly,



Jérôme Baril,
Input Verification Officer

Attachment: Annex of products

Annex

High Brix Manufacturing(170764)

Box 5211 ,
Leduc, Alberta, T9E 6L6

ISSUED: *January 25, 2021*
EXPIRES: *February 4, 2022*

The following product formulae were reviewed by ECOCERT CANADA and found to be compliant with the Canadian Organic Standard, as described on page 1:

Product Names	Restrictions
Genesis Soil Rite Calcium- Dormant	No restrictions
Genesis Soil Rite Calcium- Growing	No restrictions
Soft rock Phosphate- Micronized	No restrictions
Soft Rock Phosphate- 3/8 Grind	No restrictions

This annex is not valid without the accompanying evaluation letter.
Organic operators must check with the certifier before using any input.

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 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.

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