

CERTIFICATE OF ANALYSIS

Product Name:	Calnesium
Date Certified:	April 14 2024
Expiry Date:	April 15 2026

PESTICIDES		in milligrams per liter (Parts per Million)			
Abamectin	< 0.07	Dodemorph	< 0.01	Novaluron	< 0.01
Acephate	< 0.02	Endosulfan-alpha	< 0.2	Oxamyl	< 0.01
Acetamiprid	<0.02	Endosulfan-beta	< 0.05	Paclobutrazol	< 0.01
Acequinocyl	< 0.01	Endosulfan sulfate	< 0.05	Parathion-methyl	<0.05
Aldicarb	< 0.01	Ethoprophos	< 0.01	Permethrin	< 0.01
Allethrin	< 0.05	Etofenprox	< 0.01	Phenothrin	<0.03
Azadirachtin	< 0.04	Etoxazole	< 0.01	Phosmet	< 0.01
Azoxystrobin	< 0.01	Etridiazol	< 0.01	Piperonyl butoxide	< 0.01
Benzovindiflupyr	< 0.01	Fenoxycarb	< 0.01	Pirimicarb	< 0.01
Bifenazate	< 0.01	Fenpyroximate	< 0.01	Propoxur	< 0.01
Bifenthrin	< 0.01	Fensulfothion	< 0.01	Prallethrin	< 0.01
Boscalid	< 0.01	Fenthion	< 0.01	Propiconazole	< 0.01
Buprofezin	< 0.01	Fenvalerate	< 0.07	Pyraclostrobin	< 0.01
Carbaryl	< 0.01	Fipronil	< 0.02	Pyrethrins	< 0.01
Carbofuran	< 0.02	Fonicamid	< 0.01	Pyridaben	< 0.01
Chlorantraniliprole	< 0.01	Fludioxonil	< 0.02	Quintozene	< 0.02
Chlorphenapyr	< 0.01	Fluopyram	< 0.01	Resmethrin	< 0.01
Chlorpyrifos	< 0.01	Hexythiazox	< 0.01	Spinetoram	< 0.02
Clofentezine	< 0.01	Imazalil	< 0.01	Spinosad	< 0.02
Clothianidin	< 0.01	Imidacloprid	< 0.01	Spirodiclofen	< 0.03
Coumaphos	< 0.01	Iprodione	< 0.5	Spiromesifen	< 0.01
Cyantranilipole	< 0.01	Kinoprene	< 0.01	Spirotetramat	< 0.01
Cyfluthrin	<0.02	Kresoxim-methyl	< 0.01	Spiroxamine	< 0.02
Cypermethrin	< 0.04	Malathion	< 0.01	Tebuconazole	< 0.01
Cyprodinil	< 0.04	Metaxyl	< 0.01	Tebufenozide	< 0.01
Daminozide	< 0.01	Methiocarb	< 0.01	Teflubenzuron	< 0.03
Deltamethrin	< 0.02	Methomyl	< 0.01	Tetrachlorvinphos	< 0.01
Diazinon	< 0.01	Methoprene	< 0.04	Tetramethrin	< 0.01
Dichlorvos	< 0.03	Mevinphos	< 0.01	Thiacloprid	< 0.01
Dimethoate	< 0.01	MGK-264	< 0.01	Thiamethoxam	< 0.01
Dimethomorph	< 0.01	Myclobutanil	< 0.01	Thiophanate-methyl	< 0.01
Dinotefuran	< 0.02	Naled	< 0.01	Trifloxystrobin	< 0.01

HEAVY METALS		in micrograms per gram (Parts per Million)	
Antimony	<1	Lead	<0.4
Arsenic	0.55	Manganese	3.9
Boron	8.6	Mercury	<0.003
Cadmium	<0.04	Molybdenum	11
Chromium	0.97	Nickel	0.4
Cobalt	<0.09	Selenium	1
Copper	0.3	Zinc	490

PATHOGENIC BACTERIA			
Fecal Coliforms	<1 per gram	Salmonella	<1 CFU per gram

MYCOTOXINS		in micrograms per Kilogram (Parts per Billion)	
Aflatoxin B1	<2	Aflatoxin B2, G1, G2 Total	<4

Notes:

- Analysis is conducted on a biyearly basis using aliquots of all the batches produced in the previous 2 years combined into one sample.
- The analysis of this fertilizer product was completed Element and Blue Sky Analytical Labs between March 28th and April 11th, 2024.
- Pesticide and Mycotoxin testing conforms to Health Canada guidelines on Cannabis production, Heavy Metal, Coliform, and Salmonella conform to levels mandated by the Canadian Food Inspection Agency (CFIA).

Approved By



Loren Price – Director of Fertilizer Technology

