



TECHNICAL DATA/CHEMICAL ANALYSIS CHI POWDER

CHI POWDER

CHI POWDER is a natural product rich in soil organic matters and humic substances. It receives no chemical or biological treatments during manufacturing. This product can be applied to soil as a soil amendment or to make liquid humic products. Soil organic matters and humic substances have been proven to improve the quality of soil, growth of soil organisms, and uptakes of nutrients by plants.

ICP ANALYSIS (DRY MATTER)

PARAMETER	VALUE	UNIT
Ag	< 0.5	ppm
Al	1.06	%
As	1	ppm
B	429	ppm
Ba	108	ppm
Bi	< 1	ppm
Ca	0.78	%
Cd	< 1	ppm
Cl	< 0.01	%
Co	1	ppm
Cr	1	ppm
Cu	4	ppm
Fe	0.19	%
Hg	< 0.01	ppm
K	0.03	%
La	9	ppm
Mg	0.14	%
Mn	379	ppm
Mo	2	ppm
Na	0.13	%
Ni	3	ppm
P	< 0.01	%
Pb	12	ppm
Sb	1	ppm
Se	1	ppm
Si	1.17	%
Sr	115	ppm
Th	3	ppm
Ti	0.02	%
U	< 1	ppm
V	5	ppm
W	1	ppm
Zn	14	ppm
Zr	29	ppm
TOTAL	3.62	%

BASIC PARAMETERS

PARAMETER	VALUE	UNIT
Humic Acids (Humic Acid and Fulvic Acid)	> 85 ¹⁾ 84 ²⁾	% %
Density	800 50	kg/m ³ lbs/ft ³
pH	3.8 – 4.2	-
Color	Dark brown	-
Moisture	< 28	%

¹⁾ Dry matter analysis – A&L colorimetric method

²⁾ Dry matter analysis – HPTA standardized test method

ULTIMATE ANALYSIS (DRY MATTER)

PARAMETER	VALUE	UNIT
C	55.4	%
H	3.2	%
N	1.6	%
O	35.5	%
S	0.7	%
Inorganics	3.6	%
TOTAL	100.0	%

SCREEN ANALYSIS

SIEVE # (MICRONS)	RETAINED	UNIT
8 (2,449)	< 1	%
20 (864)	< 1	%
80 (173)	65	%
100 (140)	4	%
200 (74)	16	%
Pan	14	%
TOTAL	100	%

Manufactured By:

Canadian Humalite International Inc.

5719-97 St • Edmonton, AB • CANADA • T6E 3H9

Telephone: (780) 488-4810 • Facsimile: (780) 488-4814

Email: info@cdnhumaliteintl.com

Website: www.cdnhumaliteintl.com

PRODUCT OF CANADA



Approved for Organic Use (NOP) & JAS



Registered with CFIA