



TECHNICAL DATA/CHEMICAL ANALYSIS CHI GRANULE (TURF)

CHI GRANULE (TURF)

CHI GRANULE (TURF) is a natural product rich in soil organic matters and humic substances. **CHI GRANULE (TURF)** is a smaller granule size compared to CHI GRANULE (AG) and is more suitable for turf applications. It receives no chemical or biological treatments during manufacturing. This product can be applied to soil as a soil amendment. 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	kg/m ³
	50	lbs/ft ³
pH	3.8 – 4.2	-
Color	Dark brown	-
Moisture	20 to 25	%

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)	78	%
80 (173)	20	%
100 (140)	1	%
200 (74)	< 1	%
Pan	< 1	%
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



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