



# TECHNICAL DATA/CHEMICAL ANALYSIS CHI GRANULE (AG)

## CHI GRANULE (AG)

**CHI GRANULE (AG)** is a natural product rich in soil organic matters and humic substances. **CHI GRANULE (AG)** is a larger granule size compared to CHI GRANULE (TURF) which is more suitable for agriculture 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	3.32	%
As	4	ppm
B	390	ppm
Ba	1,013	ppm
Bi	1	ppm
Ca	1.22	%
Cd	1	ppm
Cl	0.01	%
Co	3	ppm
Cr	6	ppm
Cu	7	ppm
Fe	0.55	%
Hg	0.06	ppm
K	0.34	%
La	14	ppm
Mg	< 1	%
Mn	196	ppm
Mo	3	ppm
Na	0.30	%
Ni	3.3	ppm
P	0.01	%
Pb	11	ppm
Sb	2	ppm
Se	1.4	ppm
Si	3.32	%
Sr	233	ppm
Th	9	ppm
Ti	0.07	%
U	< 1	ppm
V	14	ppm
W	< 1	ppm
Zn	6	ppm
Zr	50	ppm
TOTAL	10.24	%

## BASIC PARAMETERS

PARAMETER	VALUE	UNIT
Humic Acids (Humic Acid and Fulvic Acid)	> 80 <sup>1)</sup>	%
	86 <sup>2)</sup>	%
Density	800	kg/m <sup>3</sup>
	50	lbs/ft <sup>3</sup>
pH	3.8 – 4.2	-
Color	Dark brown	-
Moisture	30 to 35	%

<sup>1)</sup> Dry matter analysis – A&L colorimetric method

<sup>2)</sup> Dry matter analysis – HPTA standardized test method

## ULTIMATE ANALYSIS (DRY MATTER)

PARAMETER	VALUE	UNIT
C	44.4	%
H	2.8	%
N	0.9	%
O	41.2	%
S	0.5	%
Inorganics	10.2	%
TOTAL	100.0	%

## SCREEN ANALYSIS

SIEVE # (MICRONS)	RETAINED	UNIT
8 (2,449)	59	%
20 (864)	39	%
80 (173)	1	%
100 (140)	< 1	%
200 (74)	< 1	%
Pan	< 1	%
TOTAL	100	%

Manufactured By:

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Approved for Organic Use (NOP) & IAS



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