



Certificate Of Analysis
(COA)
Power Turf

Parameter	Level	Unit
Humic Acid	≥ 70	% Colorimetric
	≥ 50	% ISO 19822:2018
Fulvic Acid	3	% ISO 19822:2018
pH	9.8	SU
Moisture	13	%
Electric Conductivity (EC)	13	dS/m
Cation Exchange Capacity (CEC)	266	meq/ 100g
Total Carbon	32	%
Total Organic Carbon	33	%
Total Organic Matter (OM)	57	%
Ash Content	30	%
Total Nitrogen (N)	0.76	%
C:N Ratio	42:1	
Water Solubility	64	%
Macro & Micro-Elements		
Phosphorus, P	0.05	%
Potassium, K ₂ O	20	%
Magnesium, Mg	0.12	%
Manganese, MN	79	ppm
Boron, B	70	ppm
Zinc, Zn	13	ppm
Iron, Fe	3770	ppm
Calcium, Ca	1.2	%
Copper, Cu	8.1	ppm
Molybdenum, Mo	1.9	ppm
Selenium, Se	2.2	ppm
Silicon, Si	37	ppm
Sulfur, S	0.46	%
Sodium, Na	0.6	%
Heavy Metals		
Lead, Pb	2.3	ppm
Mercury, Hg	<0.10	ppm
Aluminum, Al	0.3	%
Arsenic, As	9.50	ppm
Chromium, Cr	8.5	ppm

Sources: A & L Laboratories, October 2024.