



Certificate Of Analysis
(COA)
Synergy 95

Parameter	Level	Unit
Humic Acid	≥ 95	% Colorimetric
	≥ 54	% ISO 19822:2018
Fulvic Acid	6.77	% ISO 19822:2018
pH	9.6	SU
Moisture	15	%
Electric Conductivity (EC)	32	dS/m
Cation Exchange Capacity (CEC)	286	meq/ 100g
Total Carbon	40	%
Total Organic Carbon	30	%
Total Organic Matter (OM)	51	%
Ash Content	34	%
Total Nitrogen (N)	1.3	%
C:N Ratio	31:1	
Water Solubility	94	%
Macro & Micro-Elements		
Phosphorus, P	0.017	%
Potassium, K ₂ O	17	%
Magnesium, Mg	0.12	%
Manganese, MN	120	ppm
Boron, B	110	ppm
Zinc, Zn	34	ppm
Iron, Fe	3990	ppm
Calcium, Ca	1.2	%
Copper, Cu	54	ppm
Molybdenum, Mo	1.2	ppm
Selenium, Se	3.9	ppm
Silicon, Si	410	ppm
Sulfur, S	0.79	%
Sodium, Na	0.22	%
Heavy Metals		
Lead, Pb	3.2	ppm
Mercury, Hg	<0.10	ppm
Aluminum, Al	0.46	%
Arsenic, As	4.20	ppm
Chromium, Cr	8.6	ppm

Sources: A & L Laboratories, October 15, 2024.