



Soil Amendment Analysis

Waters Agricultural Laboratories, Inc

257 Newton Hwy | Camilla, GA 31730- | Phone (229) 336-7216

*"Improving Growth...
With Science"*

ADAM ROWLAND 4033 DIXIE BARWICK RD BOSTON, GA 31626		Grower: ADAM ROWLAND		
		Sample Number: 1-BROILER		Received: 8/22/2022
		Lab Number: 23660FT	Processed: 8/24/2022	
Claimed Content:				
Analyte	Method	Result (As-Is Basis)	Result (Dry Basis)	Units
Total Kjeldahl Nitrogen	AOAC 955.04	2.69	3.653	%
Ammonia Nitrogen	AOAC 892.01	0.47	0.638	%
Nitrate (NO3)	AOAC 892.01	0.20	0.272	%
Organic Nitrogen	By Difference	2.22	3.015	%
Water Insoluble Nitrogen	AOAC 945.01	1.94	2.634	%
P2O5-Total	EPA 6010B	3.10	4.21	%
K2O-Total	EPA 6010B	3.81	5.174	%
Sulfur	EPA 6010B	1.12	1.521	%
Boron	EPA 6010B	0.01	0.014	%
Zinc	EPA 6010B	0.03	0.041	%
Manganese	EPA 6010B	0.03	0.041	%
Iron	EPA 6010B	0.27	0.367	%
Copper	EPA 6010B	0.03	0.041	%
Calcium	EPA 6010B	2.69	3.653	%
Magnesium	EPA 6010B	0.67	0.91	%
Sodium	EPA 6010B	1.20	1.63	%
Aluminum	EPA 6010B	0.18	0.244	%
Moisture	EPA 6010B	26.36		%
Total Carbon	LECO-Combustion	21.37	29.02	%
Total Solids	EPA 160.3	75.45		%
Volatile Solids of Total	EPA 160.4	64.64		%
Cadmium	EPA 6010B	0.216	0.293	ppm
Chromium	EPA 6010B	8.97	12.181	ppm
Lead	EPA 6010B	1.02	1.385	ppm
Cobalt	EPA 6010B	<0.015	<0.02	ppm



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Analyte	Method	Result (As-Is Basis)	Result (Dry Basis)	Units
Nickel	EPA 6010B	6.90	9.37	ppm
Arsenic	EPA 7061A	0.615	0.835	ppm
Mercury	EPA 7470A	0.010	0.014	ppm
Selenium	EPA 7741A	3.14	4.264	ppm
Water Soluble Magnesium	AOAC 937.02	0.17	0.231	%
Results Reported On: Wet (As Received) Basis				

Comments:

Method of Analysis: SW-846

Sample Preparation: EPA 3050B

Analysis: EPA 6010B;

Mercury EPA 7470A; Arsenic EPA 7061A; Selenium: 7741A

MDL (ppm): As 0.001; Hg 0.001; Se 0.001; Cr 0.015; Pb 0.015; Cd 0.015; Co 0.015; Ni 0.015; Mo 0.015; Zn 0.015; Cu 0.015