

John Krueger
John Krueger
801 Spring Valley Dr
Okawville IL 62271

REPORT OF ANALYSIS

For: (42897) John Krueger
AG LIME ANALYSIS
RIVER VALLEY COOPERATIVE

Analysis	Level Found		Reporting		Analyst- Date	Verified- Date
	As Received	Units	Limit	Method		
Sample ID: EMMERSEN QUARRY - STERLING IL Lab Number: 8841293 Date Sampled: 2020-11-20						
Moisture	5.6	%	0.1	SM 2540 G-(1997)	wib1-2020/12/15	asl4-2020/12/17
Calcium (total)	14.2	%	0.01	MWL ME PROC 26	ras7-2020/12/14	asl4-2020/12/17
Magnesium (total)	8.22	%	0.01	MWL ME PROC 26	ras7-2020/12/14	asl4-2020/12/17
Total neutralizing value (CaCO ₃ eq)	82.1	%	0.1	AOAC 955.01	eas2-2020/12/15	asl4-2020/12/17
ECCE	41.0	%	0.1	Calculation	Auto-2020/12/21	Auto-2020/12/22
% passing 4 sieve	96.6	%	0.1	ASTM E 276-13 (mod)	ach3-2020/12/21	tat9-2020/12/22
% passing 8 sieve	68.9	%	0.1	ASTM E 276-13 (mod)	ach3-2020/12/21	tat9-2020/12/22
% passing 30 sieve	41.3	%	0.1	ASTM E 276-13 (mod)	ach3-2020/12/21	tat9-2020/12/22
% passing 60 sieve	32.7	%	0.1	ASTM E 276-13 (mod)	ach3-2020/12/21	tat9-2020/12/22
% passing 100 sieve	29.7	%	0.1	ASTM E 276-13 (mod)	ach3-2020/12/21	tat9-2020/12/22
% passing 200 sieve	23.4	%	0.1	ASTM E 276-13 (mod)	ach3-2020/12/21	tat9-2020/12/22
% retained pan	23.4	%	0.1	ASTM E 276-13 (mod)	ach3-2020/12/21	tat9-2020/12/22
Sample ID: RENNER - DIXEN Lab Number: 8841294 Date Sampled: 2020-11-20						
Moisture	5.1	%	0.1	SM 2540 G-(1997)	wib1-2020/12/15	asl4-2020/12/17
Calcium (total)	21.1	%	0.01	MWL ME PROC 26	ras7-2020/12/14	asl4-2020/12/17
Magnesium (total)	12.2	%	0.01	MWL ME PROC 26	ras7-2020/12/14	asl4-2020/12/17
Total neutralizing value (CaCO ₃ eq)	84.6	%	0.1	AOAC 955.01	eas2-2020/12/15	asl4-2020/12/17
ECCE	40.9	%	0.1	Calculation	Auto-2020/12/21	Auto-2020/12/22
% passing 4 sieve	94.8	%	0.1	ASTM E 276-13 (mod)	ach3-2020/12/21	tat9-2020/12/22

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Sample ID: RENNER - DIXEN	Lab Number: 8841294 (con't)					
% passing 8 sieve	66.8	%	0.1	ASTM E 276-13 (mod)	ach3-2020/12/21	tat9-2020/12/22
% passing 30 sieve	44.0	%	0.1	ASTM E 276-13 (mod)	ach3-2020/12/21	tat9-2020/12/22
% passing 60 sieve	31.3	%	0.1	ASTM E 276-13 (mod)	ach3-2020/12/21	tat9-2020/12/22
% passing 100 sieve	21.2	%	0.1	ASTM E 276-13 (mod)	ach3-2020/12/21	tat9-2020/12/22
% passing 200 sieve	12.2	%	0.1	ASTM E 276-13 (mod)	ach3-2020/12/21	tat9-2020/12/22
% retained pan	12.2	%	0.1	ASTM E 276-13 (mod)	ach3-2020/12/21	tat9-2020/12/22
Sample ID: RIVERSTONE - ST AUGUSTINE	Lab Number: 8841295 Date Sampled: 2020-11-20					
Moisture	4.6	%	0.1	SM 2540 G-(1997)	wib1-2020/12/15	asl4-2020/12/17
Calcium (total)	30.9	%	0.01	MWL ME PROC 26	ras7-2020/12/14	asl4-2020/12/17
Magnesium (total)	2.24	%	0.01	MWL ME PROC 26	ras7-2020/12/14	asl4-2020/12/17
Total neutralizing value (CaCO3 eq)	85.6	%	0.1	AOAC 955.01	eas2-2020/12/15	asl4-2020/12/17
ECCE	51.3	%	0.1	Calculation	Auto-2020/12/21	Auto-2020/12/22
% passing 4 sieve	97.2	%	0.1	ASTM E 276-13 (mod)	ach3-2020/12/21	tat9-2020/12/22
% passing 8 sieve	83.7	%	0.1	ASTM E 276-13 (mod)	ach3-2020/12/21	tat9-2020/12/22
% passing 30 sieve	55.1	%	0.1	ASTM E 276-13 (mod)	ach3-2020/12/21	tat9-2020/12/22
% passing 60 sieve	41.8	%	0.1	ASTM E 276-13 (mod)	ach3-2020/12/21	tat9-2020/12/22
% passing 100 sieve	36.4	%	0.1	ASTM E 276-13 (mod)	ach3-2020/12/21	tat9-2020/12/22
% passing 200 sieve	27.2	%	0.1	ASTM E 276-13 (mod)	ach3-2020/12/21	tat9-2020/12/22
% retained pan	27.2	%	0.1	ASTM E 276-13 (mod)	ach3-2020/12/21	tat9-2020/12/22

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Sample ID: TROY GROVE	Lab Number: 8841296	Date Sampled: 2020-11-20					
Moisture	4.6	%	0.1	SM 2540 G-(1997)	wib1-2020/12/15	asl4-2020/12/17	
Calcium (total)	21.0	%	0.01	MWL ME PROC 26	ras7-2020/12/14	asl4-2020/12/17	
Magnesium (total)	12.1	%	0.01	MWL ME PROC 26	ras7-2020/12/14	asl4-2020/12/17	
Total neutralizing value (CaCO3 eq)	61.7	%	0.1	AOAC 955.01	eas2-2020/12/15	asl4-2020/12/17	
ECCE	32.3	%	0.1	Calculation	Auto-2020/12/21	Auto-2020/12/22	
% passing 4 sieve	100	%	0.1	ASTM E 276-13 (mod)	ach3-2020/12/21	tat9-2020/12/22	
% passing 8 sieve	83.4	%	0.1	ASTM E 276-13 (mod)	ach3-2020/12/21	tat9-2020/12/22	
% passing 30 sieve	38.1	%	0.1	ASTM E 276-13 (mod)	ach3-2020/12/21	tat9-2020/12/22	
% passing 60 sieve	28.9	%	0.1	ASTM E 276-13 (mod)	ach3-2020/12/21	tat9-2020/12/22	
% passing 100 sieve	25.0	%	0.1	ASTM E 276-13 (mod)	ach3-2020/12/21	tat9-2020/12/22	
% passing 200 sieve	19.2	%	0.1	ASTM E 276-13 (mod)	ach3-2020/12/21	tat9-2020/12/22	
% retained pan	19.2	%	0.1	ASTM E 276-13 (mod)	ach3-2020/12/21	tat9-2020/12/22	

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REPORT NUMBER

20-357-4006

REPORT DATE
Dec 22, 2020

RECEIVED DATE
Dec 14, 2020

SEND TO
42897



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ISSUE DATE
Dec 22, 2020

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All results are reported on an AS RECEIVED basis.

For questions please contact:

Stacie Nelson
Senior Account Manager
snelson@midwestlabs.com (402)829-9840

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