


Top Grade Aggregates, LLC - Mechanical Analysis Report

Material:	Sampled From:				Specification:		MDOT Pit No.:		Job: N/A		
Fine Aggregate	Ionia Reserve 468 Sprague Rd. Ionia, MI				2NS		34-0087SG		Producer: Top Grade Aggregates, LLC		
Sieve	% Passing		Retained Fractional		Percents Cumulative		16-2025	Sample Date:		10/15/2025	
			Weight	Percent	Retained	Passing	Initial Weight of Sample		681	gm	
2-1/2"							Weight After Washing		678	gm	
2"							Loss By Washing	0 - 3.0%	3	gm	0.4 %
1-1/2"							Fineness Modulus	2.65	3.05		2.83
1"							Crushed Material			gm	%
3/4"							Clay-Ironstone			gm	%
1/2"							(1) Soft Particles Including:				
3/8"	100	100	0	0.0	0.0	100	Clay-Ironstone			gm	%
No. 4 (3/16")	95	100	26	3.8	3.8	96	(2) Chert			gm	%
No. 8 (3/32")	65	95	79	11.6	15.4	85	Sum of (1) + (2)			gm	
No. 16 (3/64")	35	75	106	15.6	31.0	69	Material:		Meets	X	Fails
No. 30 (±1/32" - 1/64")	20	55	142	20.9	51.9	48	REMARKS: Meets all 2NS Requirements.				
No. 50	10	30	212	31.1	83.0	17	Moisture: 6.9%				
No. 100	0	10	98	14.4	97.4	3	Aggregate Technician (eSignature):		Test Date:		
No. 200							 Andy Swett		10/15/2025		
PAN			15	2.2	99.6		Certification Number: 104148-0427		Expires: 4/30/2027		
LBW			3	0.4	100.0		Endorsements: ABCDEFG		Level II		
TOTAL			681	100.0							