

Top Grade Aggregates, LLC - Mechanical Analysis Report

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Material	Sampled From			Specification		MDOT Pit No.		Job:		
Fine Aggregate	Kalamazoo Reserve 1100 Nazareth Rd., Kalamazoo			FAA Winter Sand AC 150/5200-30D		39-0004SG		Producer Top Grade Aggregates, LLC		
Sieve	% Passing	Retained Fractional		Percents Cumulative		Test: 3-2025	Sample Date:		10/23/2025	
		Weight	Percent	Retained	Passing	Initial Weight of Sample		696	gm	
2-1/2"						Weight After Washing		696	gm	
2"						Loss By Washing		0	gm	0.0 %
1-1/2"						Fineness Modulus				
1"						Crushed Material			gm	%
3/4"						Organic Plate No.				
1/2"						Clay-Ironstone			gm	%
3/8"						(1) Soft Particles Including: Clay-Ironstone				
No. 4								gm	%	
No. 8	100	100	1	0.1	0.1	100	(2) Chert		gm	%
No. 16			127	18.2	18.3	82	Sum of (1) + (2)		gm	
No. 30	20	50	270	38.8	57.1	43	Material:		Meets	X Fails
No. 50			287	41.3	98.4	2	REMARKS: Meets all FAA Winter Sand Requirements The #30 sieve is a recommended gradation. Moisture- 7.5%			
No. 80	0	2	4	0.6	99.0	1				
No. 100			4	0.6	99.6	0				
No. 200			0	0.0	99.6	0	Aggregate Technician (eSignature):		Test Date:	
PAN			2	0.3	99.9	0	Andy Swett		10/23/2025	
LBW			1	0.1	100.0	0				
TOTAL			696	100.0			Certification Number: 104148-0427		Expires: 4/30/2027	