



Montana Renewables, LLC

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RD99L Diesel COA

Date: 9/13/2024
Tank: TK-116
Batch #: TK-116 9-13-24

<u>Tests*</u>	<u>U of M</u>	<u>Results</u>	<u>Specifications</u>	<u>ASTM Methods</u>
Distillation:				D-86
IBP	deg F	429		
10%		540		
50%		554		
90%		567	Min 540 (summer) Min waived (winter) 640 Max (year round)	
EP		595		
API Gravity:	deg	48.1		D-7777
BS & W:	vol %	0.01	0.05 Max	D-2709
PM Flash:	deg F	187	126 Min (summer) 100 Min (winter)	D-93A
Sulfur:	ppm	2.9	15 Max	D-7039
Viscosity:	cSt	3.44	1.9 Min (summer) 1.7 Min (winter) 4.1 Max (year round)	D-445
Cetane Index:	CCI	75.9	40 Min	D-4737A
Cetane Index:	CCI	94.3	40 Min	D-976
Cloud Point:	deg F	-6.4	23 Max (summer) 10 Max (winter)	D-5773
Lubricity:	um	376	520 Max	D-7688
Corrosion:	rating	1A	3 Max	D-130
Ash:**	mass %	0.001	.01 Max	D-482
Carbon:**	mass %	0.03	.15 Max	D-524
Conductivity:	pS/m	806	25 min	D-2624

* All tests were conducted in accordance with ASTM D-975

** Outsourced tests