

NVFEL Laboratory Test Data

CVS

Final Laboratory Test Results

Test Number: 2014-0071-012

Vehicle ID: E350 BLUETEC

Test Information



Test Date: 3/19/2014
Key Start / Hot Soak: 07:24:08 / 09:21
Fuel Container ID: F00022
Fuel Type: 19 Cert Diesel 7-15 ppm Sulfur
Test Procedure: 1
Calculation Method: Diesel
Pretest Remarks:

MFR Name: MERCEDES BENZ
MFR Codes: 200 MBX
Config #: 00
Transmission: AUTO
Shift Schedule: A09980005
Beginning Odometer: 000000.0 MI
Drive Schedule: ftp4bag
Soak Period: 16.2 hours

Bag Data

Phase 1

	THC / IntTHC (ppmC)	CO (ppm)	NOx (ppm)	CO2 (%)	CH4 (ppm)	NonMeth HC (ppmC)
Sample	12.106 / 12.669	17.912	1.729	1.022	6.115	
Ambient	3.595	0.332	0.023	0.047	2.227	
Net Concentration	8.787 / 9.349	17.605	1.708	0.979	4.059	4.986

Remarks:

Phase 2

Sample	4.886 / 4.787	0.749	0.028	0.596	3.350	
Ambient	3.571	0.288	0.017	0.046	2.274	
Net Concentration	1.474 / 1.375	0.474	0.012	0.552	1.178	0.109

Remarks:

Phase 3

Sample	4.371 / 4.341	0.801	0.146	0.821	3.001	
Ambient	3.539	0.285	0.019	0.047	2.220	
Net Concentration	1.049 / 1.019	0.533	0.128	0.777	0.918	0.033

Remarks:

Phase 4

Sample	4.402 / 4.382	0.711	0.124	0.578	3.050	
Ambient	3.539	0.315	0.018	0.046	2.213	
Net Concentration	1.015 / 0.995	0.409	0.106	0.534	0.932	-0.007

Remarks: This test has particulate results.

Results

	THC / IntTHC (gpm)	CO (gpm)	NOx (gpm)	CO2 (gpm)	CH4 (gpm)	NMHC (gpm)	Vol MPG (mpg)
Phase 1	- / 0.120	0.456	0.065	398.2	0.060	0.064	25.626
Phase 2	- / 0.028	0.020	0.001	357.9	0.028	0.002	28.585
Phase 3	- / 0.013	0.014	0.005	315.7	0.014	0.000	32.406
Phase 4	- / 0.078	0.017	0.006	345.9	0.022	0.000	29.574
Weighted	0.04069	0.10757	0.01699	351.098	0.02891	0.01386	

Fuel Economy

	Diesel MPG
Phase 1	25.48
Phase 2	28.43
Phase 3	32.23
Phase 4	29.41
Weighted	28.97

Dyno Settings

Dyno #: D329 - RWD
Inertia: 4500
EPA Set Co A: 16.62
EPA Set Co B: -0.4083
EPA Set Co C: 0.02307
Emiss-Bench: Mexa 7200dle

**NVFEL Laboratory Test Data****CVS****Final Laboratory Test Results**

Test Number: 2014-0071-012

Vehicle ID: E350 BLUETEC

Results	THC / IntTHC	CO	NOx	CO2	CH4	NMHC	Meth Response
	(grams)	(grams)	(grams)	(grams)	(grams)	(grams)	1.075
Phase 1	- / 0.428	1.628	0.234	1423.2	0.215	0.228	
Phase 2	- / 0.108	0.075	0.003	1373.9	0.107	0.009	
Phase 3	- / 0.047	0.049	0.018	1131.9	0.049	0.001	
Phase 4	- / 0.007	0.065	0.025	1328.2	0.085	0.000	

Test Conditions

	Phase 1	Phase 2	Phase 3	Phase 4
Barometer (inHg)	28.78	28.78	28.77	28.77
Avg Cell Temp (degF)	74.04	74.09	74.08	74.11
Dew Point (degF)	48.17	47.90	48.14	48.01
Specific Humidity (grains/lbm)	51.98	51.44	51.92	51.67
NOx Corr Factor	0.9024	0.9003	0.9021	0.9012
CO2 Dilution Factor	13.070	22.460	16.310	23.16
CFV Vmix (scf @68F)	2776.69	4757.24	2782.65	4751.94
Total CVS Vmix (scf@68F)	2805.54	4806.37	2811.22	4800.96
CVS Flow Rate Avg (scfm)	327.83	324.25	328.66	327.80

Fan Placement: One Small Fan - Up - Front

Phase Time (secs)	508.20	870.30	508.00	869.80
Distance (miles)	3.574	3.839	3.585	3.840
Bag Analysis Time (secs)	927.4	122.1	928.7	132.9

	FTP B1	FTP B2	FTP B3	FTP B4	FTP-W	FTP4-W
IWR % diff	-4.850	-1.845	-1.234	-0.829	-2.291	-1.985
ASCR % diff	-3.119	-1.298	-0.686	-0.335	-1.461	-1.118
EER	-1.424	-1.481	-0.361	-0.729	-1.134	-0.924

NVFEL Laboratory Test Data

PARTICULATE

Final Laboratory Test Results

Test Number: 2014-0071-012

Vehicle ID: E350 BLUETEC

Test Information

Test Date: 3/19/2014

MFR Name: MERCEDES BENZ

Key Start: 07:24:08 / 09:21

MFR Codes: 200 MBX

Fuel Container ID: F00022

Config #: 00

Fuel Type: 19 Cert Diesel 7-15 ppm Sulfur

Transmission: AUTO

Test Procedure: 1

Shift Schedule: A09980005

Calculation Method: Diesel

Beginning Odometer: 000000.0 MI

Pretest Remarks:

Drive Schedule: ftp4bag

Soak Period: 16.2 hours

All filter weights are corrected for buoyancy.

Particulate	Filter Sampler	Filter No.	Tare (Pre Wt)	Gross (Post Wt)	Net Wt mg	Total Mass mg	Total Mass mg / mi	Filter comment
Phase 1	A	778063	139.6286	139.6276	0.00000	0.000	0.000	
	B	778113	143.8937	143.8974	0.00371	1.082	0.303	
	C	778114	142.4905	142.4900	0.00000	0.000	0.000	

Remarks:

Phase 2	A	778115	142.0811	142.0827	0.00163	0.479	0.125	
	B	778116	143.1327	143.1342	0.00142	0.415	0.108	
	C	778117	144.0369	144.0399	0.00300	0.883	0.230	

Remarks:

Phase 3	A	778118	142.3289	142.3312	0.00223	0.658	0.183	
	B	778144	141.3418	141.3459	0.00405	1.194	0.333	
	C	778145	142.4546	142.4536	0.00000	0.000	0.000	

Remarks:

Phase 4	A	778146	142.3654	142.3675	0.00213	0.625	0.163	
	B	778147	143.3464	143.3494	0.00301	0.885	0.231	
	C	778148	139.5807	139.5816	0.00087	0.256	0.067	

Remarks: This test has particulate results.

Average Results

	Net Wt mg	Total Mass mg	Total Mass mg / mi
Phase 1	0.00124	1.082	0.303
Phase 2	0.00202	0.592	0.154
Phase 3	0.00209	0.926	0.258
Phase 4	0.00200	0.589	0.153

All filter weights are corrected for buoyancy.

Weighted All Filters:

0.21343

Reference Filter Stability Check

2% of Avg Net or 0.01 mg	No.	Tare (Pre Wt)	Gross (Post Wt)	Net Wt mg	Stability Check	Dyno #: D329 - RWD
0.01	1	143.45039	143.44980	-0.00059	PASS/FAIL	Inertia: 4500
	2	141.97725	141.97749	0.00023	PASS	EPA Set Co A: 16.62
					PASS	EPA Set Co B: -0.4083
						EPA Set Co C: 0.02307

Emissions Bench Mexa 7200dle



NVFEL Laboratory Test Data
Final Laboratory Test Results

PARTICULATE

Test Number: 2014-0071-012

Vehicle ID: E350 BLUETEC

WEIGHING CHAMBER	Buoyancy	Operator	Chamber Temp	Dew Point	Barometer	Last Change in Status
Timestamp	Factor	(id)	(°F)	(°F)	("Hg)	Status @ timestamp
Pre-test 3/17/14 10:14	1.0011131	022298	72.3	49.3	29.08	NORM @ 03/16/14 11:52:33
Post-test 3/19/14 13:26	1.0010978	022298	72.2	49.2	28.68	NORM @ 03/19/14 08:32:06

Test Conditions	Phase 1	Phase 2	Phase 3	Phase 4
Barometer (inHg)	28.78	28.78	28.77	28.77
Avg Cell Temp (degF)	74.04	74.09	74.08	74.11
Dew Point (degF)	48.17	47.90	48.14	48.01
Specific Humidity (grains/lbm)	51.98	51.44	51.92	51.67
NOx Corr Factor	0.9024	0.9003	0.9021	0.9012
Dilution Factor	13.07	22.46	16.31	23.16
CFV Vmix (scf @68F)	2776.69	4757.24	2782.65	4751.94
Sample Volume A (scf @68F)	9.612	16.386	9.526	16.352
Sample Volume B (scf @68F)	9.610	16.398	9.523	16.347
Sample Volume C (scf @68F)	9.628	16.344	9.511	16.316
Sample Volume D (scf @68F)				
Sample Volume Average (scf @68F)	9.616	16.376	9.520	16.338
Total PM Vmix (scf @68F)	2805.54	4806.37	2811.22	4800.956601
Phase Time (sec)	508.20	870.30	508.00	869.80
Distance (miles)	3.574	3.839	3.585	3.840
PSU Probe A (degC)				
PSU Probe B (degC)				
PSU Probe C (degC)				
PSU Dil Air A (degC)	45.0	42.4	40.6	41.2
PSU Dil Air B (degC)	41.2	41.2	41.2	40.1
PSU Dil Air C (degC)	41.7	41.0	40.4	40.4
PSU Filter A (degC)	45.7	46.7	46.6	46.7
PSU Filter B (degC)	45.5	46.6	45.5	47.6
PSU Filter C (degC)	46.5	46.8	46.2	47.5
PSU Dil Flow A (lpm)	20.1	19.8	19.9	20.0
PSU Dil Flow B (lpm)	20.1	19.8	19.9	20.0
PSU Dil Flow C (lpm)	20.0	19.7	19.9	20.0
PSU A Proportionality				
PSU B Proportionality				
PSU C Proportionality				

NVFEL Laboratory Test Data
Final Laboratory Test Results

CVS

Test Number: 2014-0071-013

Vehicle ID: E350 BLUETEC

Test Information



Test Date: 3/19/2014
Key Start: 09:03:34
Fuel Container ID: F00022
Fuel Type: 19 Cert Diesel 7-15 ppm Sulfur
Test Procedure: 3
Calculation Method: Diesel
Pretest Remarks:

MFR Name: MERCEDES BENZ
MFR Codes: 200 MBX
Config #: 00
Transmission: AUTO
Shift Schedule: A09980011
Beginning Odometer: 000000.0 MI
Drive Schedule: hwfet_hwfet

Bag Data

	THC / IntTHC (ppmC)	CO (ppm)	NOx (ppm)	CO2 (%)	CH4 (ppm)	NonMeth HC (ppmC)
Sample	4.074 / 4.096	1.129	0.116	1.033	2.950	
Ambient	3.421	0.262	0.019	0.047	2.240	
Net Concentration	0.916 / 0.939	0.887	0.099	0.989	0.883	-0.010

Remarks:

Phase 2

Sample
Ambient
Net Concentration

Remarks:

Phase 3

Sample
Ambient
Net Concentration

Remarks:

Phase 4

Sample
Ambient
Net Concentration

Remarks: This test has particulate results.

Results

	THC / IntTHC (gpm)	CO (gpm)	NOx (gpm)	CO2 (gpm)	CH4 (gpm)	NMHC (gpm)	Vol MPG (mpg)
Phase 1	- / 0.006	0.012	0.002	209.5	0.007	0.000	48.829

Fuel Economy

Phase 1 Diesel MPG 48.56

Dyno Settings

Dyno #: D329 - RWD
Inertia: 4500
EPA Set Co A: 16.62
EPA Set Co B: -0.4083
EPA Set Co C: 0.02307

Emiss-Bench: Mexa 7200dle



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Test Number: 2014-0071-013

Vehicle ID: E350 BLUETEC

Results	THC / IntTHC	CO	NOx	CO2	CH4	NMHC	Meth Response
	(grams)	(grams)	(grams)	(grams)	(grams)	(grams)	
Phase 1	- / 0.064	0.122	0.020	2143.7	0.070	0.000	1.075

Test Conditions

	<u>Phase 1</u>	<u>Phase 2</u>	<u>Phase 3</u>	<u>Phase 4</u>
Barometer (inHg)	28.76			
Avg Cell Temp (degF)	74.10			
Dew Point (degF)	48.00			
Specific Humidity (grains/lbm)	51.68			
NOx Corr Factor	0.9012			
CO2 Dilution Factor	12.970			
CFV Vmix (scf @68F)	4141.00			
Total CVS Vmix (scf@68F)	4183.87			
CVS Flow Rate Avg (scfm)	324.78			

Fan Placement: One Small Fan - Up - Front

Phase Time (secs)	765.00
Distance (miles)	10.232
Bag Analysis Time (secs)	58.3

	<u>HWY</u>
IWR % diff	-2.865
ASCR % diff	-2.507
EER	-0.509

NVFEL Laboratory Test Data

PARTICULATE

Final Laboratory Test Results

Test Number: 2014-0071-013

Vehicle ID: E350 BLUETEC

Test Information



Test Date: 3/19/2014

MFR Name: MERCEDES BENZ

Key Start: 09:03:34

MFR Codes: 200 MBX

Fuel Container ID: F00022

Config #: 00

Fuel Type: 19 Cert Diesel 7-15 ppm Sulfur

Transmission: AUTO

Test Procedure: 3

Shift Schedule: A09980011

Calculation Method: Diesel

Beginning Odometer: 000000.0 MI

Pretest Remarks:

Drive Schedule: hwfet_hwfet

All filter weights are corrected for buoyancy.

Particulate	Filter Sampler	Filter No.	Tare (Pre Wt)	Gross (Post Wt)	Net Wt mg	Total Mass mg	Total Mass mg / mi	Filter comment
Phase 1	A	778060	141.5164	141.5190	0.00264	0.774	0.076	
	B	778061	141.0484	141.0514	0.00304	0.891	0.087	
	C	778062	142.4254	142.4303	0.00493	1.440	0.141	

Remarks:

Phase 2

Remarks:

Phase 3

Remarks:

Phase 4

Remarks: This test has particulate results.

Average Results

	Net Wt mg	Total Mass mg	Total Mass mg / mi
Phase 1	0.00354	1.035	0.101

All filter weights are corrected for buoyancy.

Reference Filter Stability Check

2% of Avg Net or 0.01 mg	No.	Tare (Pre Wt)	Gross (Post Wt)	Net Wt mg	Stability Check PASS/FAIL	Dyno #: D329 - RWD Inertia: 4500
0.01	1	143.45012	143.45064	0.00051	PASS	EPA Set Co A: 16.62
	2	141.97629	141.97762	0.00133	PASS	EPA Set Co B: -0.4083
						EPA Set Co C: 0.02307

Emissions Bench Mexa 7200dle

**NVFEL Laboratory Test Data****PARTICULATE****Final Laboratory Test Results**

Test Number: 2014-0071-013

Vehicle ID: E350 BLUETEC

WEIGHING CHAMBER	Buoyancy	Operator	Chamber Temp	Dew Point	Barometer	Last Change in Status
Timestamp	Factor	(id)	(°F)	(°F)	("Hg)	Status @ timestamp
Pre-test 3/17/14 16:22	1.0011084	022298	72.3	49.2	28.96	NORM @ 03/16/14 11:52:33
Post-test 3/19/14 13:51	1.0010973	022298	72.3	49.7	28.68	NORM @ 03/19/14 08:32:06

20140317 164:10 - 20140319 06:24:00 - 20140319 13:57:10 - 06:04:30

Test Conditions	Phase 1	Phase 2	Phase 3	Phase 4
Barometer (inHg)	28.76			
Avg Cell Temp (degF)	74.10			
Dew Point (degF)	48.00			
Specific Humidity (grains/lbm)	51.68			
NOx Corr Factor	0.9012			
Dilution Factor	12.97			
CFV Vmix (scf @68F)	4141.00			
Sample Volume A (scf @68F)	14.257			
Sample Volume B (scf @68F)	14.287			
Sample Volume C (scf @68F)	14.327			
Sample Volume D (scf @68F)				
Sample Volume Average (scf @68F)	14.290			
Total PM Vmix (scf @68F)	4183.87			
Phase Time (sec)	765.00			
Distance (miles)	10.232			
PSU Probe A (degC)				
PSU Probe B (degC)				
PSU Probe C (degC)				
PSU Dil Air A (degC)	41.5			
PSU Dil Air B (degC)	41.9			
PSU Dil Air C (degC)	40.3			
PSU Filter A (degC)	46.1			
PSU Filter B (degC)	46.6			
PSU Filter C (degC)	44.8			
PSU Dil Flow A (lpm)	19.9			
PSU Dil Flow B (lpm)	19.9			
PSU Dil Flow C (lpm)	19.8			
PSU A Proportionality				
PSU B Proportionality				
PSU C Proportionality				

NVFEL Laboratory Test Data

CVS

Final Laboratory Test Results

Test Number: 2014-0071-014

Vehicle ID: E350 BLUETEC

Test Information

Test Date: 3/19/2014

MFR Name: MERCEDES BENZ

Key Start: 09:55:18

MFR Codes: 200 MBX

Fuel Container ID: F00022

Config #: 00

Fuel Type: 19 Cert Diesel 7-15 ppm Sulfur

Transmission: AUTO

Test Procedure: 89 us062bag (us06warmup_2bagus06)

Shift Schedule: A09980041

Calculation Method: Diesel

Beginning Odometer: 000000.0 MI

Pretest Remarks:

Drive Schedule: us06warmup_2bagus06



Bag Data

	THC / IntTHC (ppmC)	CO (ppm)	NOx (ppm)	CO2 (%)	CH4 (ppm)	NonMeth HC (ppmC)
Phase 1						
Sample	3.308 / 3.202	0.947	6.022	1.087	2.251	
Ambient	3.308	0.275	0.055	0.047	2.150	
Net Concentration	0.269 / 0.162	0.694	5.971	1.043	0.275	-0.134

Remarks:

Phase 2

Sample	3.221 / 3.209	1.169	1.136	1.182	2.238	
Ambient	3.311	0.315	0.047	0.048	2.156	
Net Concentration	0.203 / 0.190	0.881	1.092	1.138	0.272	-0.103

Remarks:

Phase 3

Sample	
Ambient	
Net Concentration	

Remarks:

Phase 4

Sample	
Ambient	
Net Concentration	

Remarks: This test has particulate results.

Results

	THC / IntTHC (gpm)	CO (gpm)	NOx (gpm)	CO2 (gpm)	CH4 (gpm)	NMHC (gpm)	Vol MPG (mpg)
Phase 1	- / 0.003	0.024	0.309	571.5	0.005	0.000	17.903
Phase 2	- / 0.001	0.013	0.025	272.2	0.002	0.000	37.594
Composite	0.00174	0.01580	0.08786	338.622	0.00307	0.00000	

Fuel Economy

	Diesel MPG
Phase 1	17.80
Phase 2	37.39

Dyno Settings

Dyno #: D329 - RWD
Inertia: 4500
EPA Set Co A: 16.62
EPA Set Co B: -0.4083
EPA Set Co C: 0.02307

Composite 30.01

Emiss-Bench: Mexa 7200dle



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Test Number: 2014-0071-014

Vehicle ID: E350 BLUETEC

<u>Results</u>	<u>THC / IntTHC</u>	<u>CO</u>	<u>NOx</u>	<u>CO2</u>	<u>CH4</u>	<u>NMHC</u>	<u>Meth Response</u>
	(grams)	(grams)	(grams)	(grams)	(grams)	(grams)	
Phase 1	- / 0.005	0.043	0.549	1015.5	0.010	0.000	1.075
Phase 2	- / 0.009	0.083	0.154	1694.6	0.015	0.000	

Test Conditions

	<u>Phase 1</u>	<u>Phase 2</u>	<u>Phase 3</u>	<u>Phase 4</u>
Barometer (inHg)	28.74	28.74		
Avg Cell Temp (degF)	73.88	73.65		
Dew Point (degF)	48.45	48.42		
Specific Humidity (grains/lbm)	52.58	52.53		
NOx Corr Factor	0.9047	0.9045		
CO2 Dilution Factor	12.323	11.336		
CFV Vmix (scf @68F)	1865.32	2853.74		
Total CVS Vmix (scf@68F)	1878.59	2874.02		
CVS Flow Rate Avg (scfm)	471.04	469.11		

Fan Placement: One Large Fan - Down - Rear (US06 Only)

Phase Time (secs)	130.00	365.00	107.60
Distance (miles)	1.777	6.227	
Bag Analysis Time (secs)	58.0	240.6	

	<u>US06-C</u>	<u>US06-H</u>	<u>US06-T</u>
IWR % diff	-0.427	-11.445	-5.788
ASCR % diff	-0.453	-8.609	-3.036
EER	-0.781	-2.436	-1.829

NVFEL Laboratory Test Data

PARTICULATE

Final Laboratory Test Results

Test Number: 2014-0071-014

Vehicle ID: E350 BLUETEC

Test Information



Test Date: 3/19/2014

Key Start: 09:55:18

Fuel Container ID: F00022

Fuel Type: 19 Cert Diesel 7-15 ppm Sulfur

Test Procedure: 89 us062bag (us06warmup_2bagus06)

Calculation Method: Diesel

Pretest Remarks:

MFR Name: MERCEDES BENZ

MFR Codes: 200 MBX

Config #: 00

Transmission: AUTO

Shift Schedule: A09980041

Beginning Odometer: 000000.0 MI

Drive Schedule: us06warmup_2bagus06

All filter weights are corrected for buoyancy.

Particulate	Filter Sampler	Filter No.	Tare (Pre Wt)	Gross (Post Wt)	Net Wt mg	Total Mass mg	Total Mass mg / mi	Filter comment
Phase 1	A	778057	142.6806	142.6826	0.00198	0.841	0.105	
	B	778058	141.7920	141.7961	0.00409	1.740	0.217	
	C	778059	142.4533	142.4560	0.00268	1.140	0.142	

Remarks:

Phase 2

Remarks:

Phase 3

Remarks:

Phase 4

Remarks: This test has particulate results.

Average Results

	Net Wt mg	Total Mass mg	Total Mass mg / mi
Phase 1	0.00292	1.240	0.155

All filter weights are corrected for buoyancy.

Reference Filter Stability Check

2% of Avg Net or 0.01 mg	No.	Tare (Pre Wt)	Gross (Post Wt)	Net Wt mg	Stability Check PASS/FAIL	Dyno #: D329 - RWD Inertia: 4500
0.01	1	143.45012	143.44979	-0.00033	PASS	EPA Set Co A: 16.62
	2	141.97629	141.97848	0.00219	PASS	EPA Set Co B: -0.4083
						EPA Set Co C: 0.02307

Emissions Bench Mexa 7200dle

**NVFEL Laboratory Test Data****PARTICULATE****Final Laboratory Test Results**

Test Number: 2014-0071-014

Vehicle ID: E350 BLUETEC

<u>WEIGHING CHAMBER</u>	<u>Buoyancy</u>	<u>Operator</u>	<u>Chamber Temp</u>	<u>Dew Point</u>	<u>Barometer</u>	<u>Last Change in Status</u>	
Timestamp	Factor	(id)	(°F)	(°F)	("Hg)	Status @ timestamp	
Pre-test	3/17/14 16:22	1.0011084	022298	72.3	49.2	28.96	NORM @ 03/16/14 11:52:33
Post-test	3/19/14 14:02	1.0010977	022298	72.1	49.1	28.67	NORM @ 03/19/14 08:32:06

<u>Test Conditions</u>	<u>Phase 1</u>	<u>Phase 2</u>	<u>Phase 3</u>	<u>Phase 4</u>
Barometer (inHg)	28.74	28.74		
Avg Cell Temp (degF)	73.88	73.65		
Dew Point (degF)	48.45	48.42		
Specific Humidity (grains/lbm)	52.58	52.53		
NOx Corr Factor	0.9047	0.9045		
Dilution Factor	12.32	11.34		
CFV Vmix (scf @68F)	1865.32	2853.74		
Sample Volume A (scf @68F)	11.182	6.762		
Sample Volume B (scf @68F)	11.177	6.752		
Sample Volume C (scf @68F)	11.181	6.762		
Sample Volume D (scf @68F)				
Sample Volume Average (scf @68F)	11.180	6.758		
Total PM Vmix (scf @68F)	1878.59	2874.02		
Phase Time (sec)	130.00	365.00	107.60	
Distance (miles)	1.777	6.227		
PSU Probe A (degC)				
PSU Probe B (degC)				
PSU Probe C (degC)				
PSU Dil Air A (degC)	39.8	39.7		
PSU Dil Air B (degC)	42.1	42.1		
PSU Dil Air C (degC)	40.2	40.2		
PSU Filter A (degC)	44.4	43.9		
PSU Filter B (degC)	44.8	44.6		
PSU Filter C (degC)	44.2	43.9		
PSU Dil Flow A (lpm)	19.8	19.7		
PSU Dil Flow B (lpm)	19.8	19.7		
PSU Dil Flow C (lpm)	19.8	19.6		
PSU A Proportionality				
PSU B Proportionality				
PSU C Proportionality				

SUGGESTED CITATION: 2013 Mercedes E350 BlueTEC Vehicle Diesel Fuel – Test Data Package. Version 2018-07. Ann Arbor, MI:

US EPA, National Vehicle and Fuel Emissions Laboratory, National Center for Advanced Technology, 2018.