

**VCSB Oxygenate Content in Gasoline Precision Demonstration [PBMS0003: OMB Control Number #2060-0731, EPA ICR number 2607.02: Expires 1/31/2024]**

<b>Test Method</b>	
Name of Method:	
<b>Laboratory Identification</b>	
Laboratory Name:	
Laboratory Street Address:	
Laboratory City:	
Laboratory State:	
Laboratory Zip code:	
Laboratory Contact Person:	
Laboratory Contact Phone Number	
Laboratory Contact Facsimile Number	
Laboratory Contact E-mail Address	

**Oxygenate Content in Gasoline Precision Criterion (§1090.1365(b))** - The maximum allowable standard deviation computed from results of a minimum of 20 tests made over 20 days on samples using good laboratory practices taken from a single homogenous commercially available gasoline must be less than or equal to 0.3 times the Reproducibility (R), where "R" equals the ASTM reproducibility of ASTM D5599-18 (IBR 1090.95(c)(24)), where  $R = 0.13 \cdot X^{0.83}$ , where X is the mass percent of measured oxygenate. You may make up to 4 separate measurements in a 24-hour period, as long as the interval between measurements is at least 4 hours. Example: A 3 mass percent oxygenate concentration in gasoline sample: maximum allowable standard deviation of 20 tests less than or equal to  $0.3 \cdot (0.32 \text{ mass percent oxygenate}) = 0.097 \text{ mass percent oxygenate}$ .

Is Oxygenate Content in Gasoline Precision Criterion Met?	<b>REQUIRED DATA MISSING</b>			
Standard Deviation	<b>REQUIRED DATA MISSING</b>			
Laboratory Test Identification Number	Date	Time	Test Result (mass percent)	Data Entry QC Check on Test Result
				DATA REQUIRED IN CELL D18
				DATA REQUIRED IN CELL D19
				DATA REQUIRED IN CELL D20
				DATA REQUIRED IN CELL D21
				DATA REQUIRED IN CELL D22
				DATA REQUIRED IN CELL D23
				DATA REQUIRED IN CELL D24
				DATA REQUIRED IN CELL D25
				DATA REQUIRED IN CELL D26
				DATA REQUIRED IN CELL D27
				DATA REQUIRED IN CELL D28
				DATA REQUIRED IN CELL D29
				DATA REQUIRED IN CELL D30
				DATA REQUIRED IN CELL D31
				DATA REQUIRED IN CELL D32
				DATA REQUIRED IN CELL D33

0.0970678

				DATA REQUIRED IN CELL D34
				DATA REQUIRED IN CELL D35
				DATA REQUIRED IN CELL D36
				DATA REQUIRED IN CELL D37

**VCSB Oxygenate Content in Gasoline Accuracy E**

**Test Method**

Name of Method:

**Laboratory Identification**

Laboratory Name:

Laboratory Street Address:

Laboratory City:

Laboratory State:

Laboratory Zip code:

Laboratory Contact Person:

Laboratory Contact Phone Number

Laboratory Contact Facsimile Number

Laboratory Contact E-mail Address

**VCSB Method Defined Criterion** - The regulated party must compare the candidate alternative test method to the regulated party's consensus-based Standards Body (VCSB), such as ASTM D5599-18, and provide a comparison between the method-defined alternative test method and EPA referee test method results, that is, 1090.1365(d).

Has the 1090.1365(d) criterion been met? (Note: Please answer by typing "Yes" or "No" in the adjacent cell.)

If ASTM D6708 assessment between the candidate alternative test method and EPA referee test method, ASTM D5599-18, yields a "null" comparison, indicate so by typing not applicable. If the ASTM D6708 assessment yields the need for a correlation equation, indicate the correlation equation needed for reporting purposes the regulated party lists the correlation equation used for reporting purposes if warranted by the ASTM D6708-19a (IBR 1090.95(c)(33)) assessment comparing voluntary consensus-based standard body alternative test method to EPA referee test method, ASTM D5599-18 (see 1090 CFR 1365(d)).

Demonstration [PBMS0003:OMB Control Number #2060-073]

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arty is utilizing the applicable ASTM D6708-19a (IBR 1090.95(c))  
the American Society for Testing and Materials International (AS  
test method and the EPA referee test method is a "null" result or  
ASTM D5599-18 (IBR 1090.95(c)(24)), from the applicable meth


