

CAB No.: 213017B

Date of accreditation: January 15, 2015

Valid to : January 14, 2019

Materials / Product Tested	Types of test / Properties Measured / Range of Measurement	Standard Specifications/Techniques used	
Gasoline Diesel	Determination of density & relative density	ASTM D 4052:2009 ASTM 4057:2006	<b>Digital Density Meter</b> Model DMA4100M, S.N 80846536
Gasoline Diesel	Distillation of petroleum products at atmospheric pressure	ASTM D 86:2009 ASTM 4057:2006	<b>Distillation Tester</b> Model JSR1009B, S/N 2011030208
Gasoline Diesel	Determination of corrosiveness to copper from petroleum products	ASTM D130:2004 ASTM 4057:2006	<b>Copper strip corrosion pressure vessel</b> Model JH011401, S.N110423
Gasoline	Determination of total Sulfur content	ASTM D7039 : 2007	<b>X-ray fluorescence Spectrometry</b> Model SINDIE-7039XR, S.N BT101119001
Gasoline	Determination of Lead content	ASTM D3237:2006 ASTM 4057:2006	<b>Atomic absorption spectrophotometer</b> Model PEAA700, S.N 700S11020301
Gasoline	Determination of Oxidation stability (Induction period)	ASTM D525:2005 ASTM 4057:2006	<b>Automatic oxidation stability analyzer</b> Model JSR0106, S.N 2011030255
Gasoline	Determination of gum content in fuels by jet evaporation	ASTM D381:2004 ASTM 4057:2006	<b>Gum test apparatus</b> Model JH010403, S.N 110419 <b>Balance</b> Model MSA225S-100-DA, S.N 26202794
Gasoline	Determination of Octane Number of spark-ignition engine fuel	ASTM D 2699:2009 ASTM 4057:2006	<b>Octane Machine</b> Model F1/F2, S.N 5283701083
Gasoline	Determination of vapor pressure	ASTM D5191:2007 ASTM 4057:2006	<b>Vapor pressure apparatus</b> Model 8000-2, S.N 1014919
Gasoline	Qualitative analysis for active sulfur species	ASTM D4952 : 2009 ASTM 4057:2006	<b>Qualitative analysis</b>

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Diesel	Determination of flash point	ASTM D93:2008 ASTM 4057:2006	<b>Flash point tester</b> Model GH011600 S.N 110415
	Determination of water content	ASTM D95:2005 ASTM 4057:2006	<b>Moisture Analyzer</b> Model JH020102, S.N 080911 <b>Balance</b> Model MSA5201S-000-D0 S.N 26202683
	Determination of the kinematic viscosity	ASTM D445:2011a ASTM 4057:2006	<b>Kinematic viscometers</b> Model JSR1102 S.N 2011030264
	Determination of ash	ASTM D482 :2007 ASTM 4057:2006	<b>Ash analyzer</b> Model JH021002 S.N 110416 <b>Balance</b> Model MSA225S-100-DA S.N 26202794
	Calculated cetane index	ASTM D976:2006 ASTM 4057:2006	<b>Distillation tester</b> Model JSR1009B S.N 2011030207 <b>Automatic densitometer</b> Model DMA4100M S.N 80846536
	Determination of cloud point	ASTM D2500 :2005 ASTM 4057:2006	<b>Cloud point analyzer</b> Model JSQ0806 S.N 2011030259
	Determination of the amount of carbon residue	ASTM D4530:2007 ASTM 4057:2006	<b>Distillation tester</b> Model JSR1009B, S.N 2011030207 <b>Auto-analyzer</b> Model JH020711 S.N 110426
	Determination of the color	ASTM D1500:2007 ASTM 4057:2006	<b>Petroleum products chroma tester</b> Model K13290 S.N B072010048

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Liquefied petroleum gases (LPG)	Detection of the presence of components which may be corrosive to copper	ASTM D1838:2007 ASTM D 1265 : 2005	<b>Copper corrosion tester</b> Model JSY0301 S.N 2011030277
	Determination of total volatile sulfur by ultraviolet fluorescence	ASTM D6667:2004 ASTM D 1265 : 2005	<b>Total sulfur and total nitrogen analyzer</b> Model EA5000 S.N 2000570466
	Determination of individual hydrocarbons	ASTM D2163:2007 ASTM D 1265 : 2005	<b>Gas Chromatography</b> Model 7820A S.N CN11092011
	Calculation of physical properties <ul style="list-style-type: none"> <li>• Relative density</li> <li>• Vapour pressure</li> </ul>	ASTM D2598:2007 ASTM D 1265 :2005	