

ASTM Standards for Denatured Fuel Ethanol and Ethanol Flex Fuels

D0086	Test Method for Distillation of Petroleum Products and Liquid Fuels at Atmospheric Pressure
D0287	Test Method for API Gravity of Crude Petroleum and Petroleum Products (Hydrometer Method)
D0381	Test Method for Gum Content in Fuels by Jet Evaporation
D0471	Test Method for Rubber Property Effect of Liquids
D0975	Specification for Diesel Fuel
D1266	Test Method for Sulfur in Petroleum Products (Lamp Method)
D1298	Test Method for Density, Relative Density, or API Gravity of Crude Petroleum and Liquid Petroleum Products by Hydrometer Method
D1613	Test Method for Acidity in Volatile Solvents and Chemical Intermediates Used in Paint, Varnish, Lacquer, and Related Products
D1688	Test Methods for Copper in Water
D2622	Test Method for Sulfur in Petroleum Products by Wavelength Dispersive X-ray Fluorescence Spectrometry
D2973	Test Method for Total Nitrogen in Peat Materials
D3120	Test Method for Trace Quantities of Sulfur in Light Liquid Petroleum Hydrocarbons by Oxidative Microcoulometry
D4052	Test Method for Density, Relative Density, and API Gravity of Liquids by Digital Density Meter
D4057	Practice for Manual Sampling of Petroleum and Petroleum Products
D4175	Terminology Relating to Petroleum Products, Liquid Fuels, and Lubricants
D4176	Test Method for Free Water and Particulate Contamination in Distillate Fuels (Visual Inspection Procedures)
D4177	Practice for Automatic Sampling of Petroleum and Petroleum Products
D4306	Practice for Aviation Fuel Sample Containers for Tests Affected by Trace Contamination
D4814	Specification for Automotive Spark-Ignition Engine Fuel
D4953	Test Method for Vapor Pressure of Gasoline and Gasoline-Oxygenate Blends (Dry Method)
D5191	Test Method for Vapor Pressure of Petroleum Products and Liquid Fuels (Mini Method)
D5191	Test Method for Vapor Pressure of Petroleum Products and Liquid Fuels (Mini Method)
D5453	Test Method for Determination of Total Sulfur in Light Hydrocarbons, Spark Ignition Engine Fuel, Diesel Engine Fuel, and Engine Oil by Ultraviolet Fluorescence
D5482	Test Method for Vapor Pressure of Petroleum Products and Liquid Fuels (Mini Method Atmospheric)
D5501	Test Method for Determination of Ethanol and Methanol Content in Fuels Containing Greater than 20% Ethanol by Gas Chromatography

D5580 Test Method for Determination of Benzene, Toluene, Ethylbenzene, p/m-Xylene, o-Xylene, C9 and Heavier Aromatics, and Total Aromatics in Finished Gasoline by Gas Chromatography

D5797 Specification for Methanol Fuel Blends (M51M85) for Methanol-Capable Automotive Spark-Ignition Engines

D5798 Specification for Ethanol Fuel Blends for Flexible-Fuel Automotive Spark-Ignition Engines

D5842 Practice for Sampling and Handling of Fuels for Volatility Measurement

D5854 Practice for Mixing and Handling of Liquid Samples of Petroleum and Petroleum Products

D6378 Test Method for Determination of Vapor Pressure (VPX) of Petroleum Products, Hydrocarbons, and Hydrocarbon-Oxygenate Mixtures (Triple Expansion Method)

D6423 Test Method for Determination of pH_e of Denatured Fuel Ethanol and Ethanol Fuel Blends

D6469 Guide for Microbial Contamination in Fuels and Fuel Systems

D6550 Test Method for Determination of Olefin Content of Gasolines by Supercritical-Fluid Chromatography

D6730 Test Method for Determination of Individual Components in Spark Ignition Engine Fuels by 100-Metre Capillary (with Precolumn) High-Resolution Gas Chromatography

D6751 Specification for Biodiesel Fuel Blend Stock (B100) for Middle Distillate Fuels

D7039 Test Method for Sulfur in Gasoline, Diesel Fuel, Jet Fuel, Kerosine, Biodiesel, Biodiesel Blends, and Gasoline-Ethanol Blends by Monochromatic Wavelength Dispersive X-ray Fluorescence Spectrometry

D7096 Test Method for Determination of the Boiling Range Distribution of Gasoline by Wide-Bore Capillary Gas Chromatography

D7220 Test Method for Sulfur in Automotive, Heating, and Jet Fuels by Monochromatic Energy Dispersive X-ray Fluorescence Spectrometry

D7318 Test Method for Existent Inorganic Sulfate in Ethanol by Potentiometric Titration

D7319 Test Method for Determination of Existent and Potential Sulfate and Inorganic Chloride in Fuel Ethanol and Butanol by Direct Injection Suppressed Ion Chromatography

D7328 Test Method for Determination of Existent and Potential Inorganic Sulfate and Total Inorganic Chloride in Fuel Ethanol by Ion Chromatography Using Aqueous Sample Injection

D7347 Test Method for Determination of Olefin Content in Denatured Ethanol by Supercritical Fluid Chromatography

D7563 Test Method for Evaluation of the Ability of Engine Oil to Emulsify Water and Simulated Ed85 Fuel

D7576 Test Method for Determination of Benzene and Total Aromatics in Denatured Fuel Ethanol by Gas Chromatography

D7667	Test Method for Determination of Corrosiveness to Silver by Automotive Spark-Ignition Engine FuelThin Silver Strip Method
D7671	Test Method for Corrosiveness to Silver by Automotive SparkIgnition Engine FuelSilver Strip Method
D7717	Practice for Preparing Volumetric Blends of Denatured Fuel Ethanol and Gasoline Blendstocks for Laboratory Analysis
D7757	Test Method for Silicon in Gasoline and Related Products by Monochromatic Wavelength Dispersive X-ray Fluorescence Spectrometry
D7794	Practice for Blending Mid-Level Ethanol Fuel Blends for Flexible-Fuel Vehicles with Automotive Spark-Ignition Engines
D7795	Test Method for Acidity in Ethanol and Ethanol Blends by Titration
D7875	Test Method for Determination of Butanol and Acetone Content of Butanol for Blending with Gasoline by Gas Chromatography
D8011	Specification for Natural Gasoline as a Blendstock in Ethanol Fuel Blends or as a Denaturant for Fuel Ethanol
D8076	Specification for 100 Research Octane Number Test Fuel for Automotive Spark-Ignition Engines
D8181	Specification for Microemulsion Blendstock for Preparing Microemulsion Test Fuel Oils
D8235	Specification for Ethyl Tertiary-Butyl Ether (ETBE) for Blending with Gasolines for Use as Automotive Spark-Ignition Engine Fuel
E0029	Practice for Using Significant Digits in Test Data to Determine Conformance with Specifications
E0203	Test Method for Water Using Volumetric Karl Fischer Titration
E0300	Practice for Sampling Industrial Chemicals
E1064	Test Method for Water in Organic Liquids by Coulometric Karl Fischer Titration
F0852	Specification for Portable Gasoline, Kerosene, and Diesel Containers for Consumer Use
F2874	Specification for One Time Use Portable Emergency Fuel Containers (PEFC) for Use by Consumers