



Kelly Taylor
Landis Communications Inc.
415.359.2313/kelly@landispr.com
www.landispr.com

Contact: Contact:
Lee Kravetz
Landis Communications Inc.
415.359.2313/lee@landispr.com
www.landispr.com

LS9's UltraClean™ Diesel Exceeds United States & Brazilian Fuels Specifications

South San Francisco, CA – July 20, 2009 – Continuing its rapid progress toward commercialization of advanced biofuels, [LS9](#), the Renewable Petroleum Company™, today announced that its [UltraClean™ Diesel](#) product exceeds American Society for Testing and Materials (ASTM) D6751 and Brazilian National Agency of Petroleum ANP-7 specifications.

A series of third-party tests confirms LS9's UltraClean™ Diesel meets the regulatory criteria needed for use in vehicles on American and Brazilian roads today. These tests also indicate that LS9 [UltraClean™ Diesel](#) overcomes key environmental and operational challenges associated with conventional diesel and biodiesel products.

LS9 UltraClean™ Diesel offers significant benefits over other diesel replacement products. Production of LS9 UltraClean™ Diesel provides an 85% reduction in greenhouse gas emissions when compared to conventional fuel production. In addition, LS9 UltraClean™ Diesel contains no carcinogens, such as benzene and only trace amounts of sulfur.

LS9's technology also makes it possible to create superior products that can uniquely achieve optimal overall performance. LS9 has demonstrated its ability to modify the genetic makeup of its microorganisms and precisely tailor LS9 end products to have improved fuel properties such as cetane, volatility, oxidative stability and cold-flow.

“Achieving ASTM and ANP standards is yet another milestone in LS9's mission to bring environmentally friendly fuels to the world market,” said Bill Haywood, Chief Executive Officer of LS9. “A fundamental change is taking place in the biofuels landscape, and our ability to produce low-carbon fuels that are ready for today's market puts LS9 at the forefront of this movement.”

LS9 has engineered a one-step fermentation process that uses patent-pending DesignerMicrobes™ to efficiently convert renewable plant-based materials into a portfolio of UltraClean™ fuels. LS9's UltraClean™ Diesel is the only renewable diesel produced directly by fermentation from carbohydrate.

“By producing renewable fuels in a single step, LS9 removes additional costs associated with the multi-step processes required by other renewable diesel technologies,” said Steve del Cardayre, Vice President

of Research and Development at LS9. “Based on this differentiation, LS9 will be the low-cost producer of advance diesel replacement products.”

In addition to low-carbon transportation fuels, LS9’s proprietary one-step fermentation process is capable of producing chemicals used in making industrial and consumer products. For more information about LS9 products and capabilities, please visit www.ls9.com.

About LS9

LS9, Inc., the Renewable Petroleum Company™, is a privately-held industrial biotechnology company pursuing the commercial development of renewable fuels and chemicals. LS9 is applying synthetic biology to produce proprietary biofuels that are compatible with existing fuel distribution and consumer infrastructure, as well as high-value industrial chemicals. LS9 is the pioneer in the commercial development of fermentation derived hydrocarbon biofuels and its patent-pending Renewable Petroleum(TM) products are custom engineered in the lab to address immediate market needs for clean energy alternatives to petroleum. The company was founded in 2005 and venture capital firms Flagship Ventures, Khosla Ventures, and Lightspeed Venture Partners have provided funding to date. LS9 is headquartered in South San Francisco, California. For more information about LS9 products and capabilities, please visit www.ls9.com.