

PRESS RELEASE

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New Application Note on the Determination of Trace Elements in Biodiesel with the Prodigy ICP

Hudson, NH - Teledyne Leeman Labs, a leading manufacturer of analytical instrumentation for elemental analysis, announces the publication of a new application note on the Determination of Trace Elements in Biodiesel with the Prodigy ICP.

With the high price of crude oil and a growing desire to utilize local resources, bio-diesel products are becoming an attractive alternative to traditional petroleum diesel fuels. Biodiesel is a renewable fuel produced from feed stock such as soy, canola, mustard, sunflower, coconut, palm and cottonseed oils.

Accurate elemental analysis of biodiesel requires analytical methodology that is both sensitive and selective.

The Prodigy High Dispersion Inductively Coupled Plasma (ICP) is ideally suited for the analysis of biodiesel fuels. The Prodigy can determine up to 70 elements in a sample simultaneously in under 30 seconds. With the Prodigy, elemental content can be rapidly monitored throughout the entire processing cycle, starting with the raw oil and continuing through to the finished product. Prodigy's detection limits easily satisfy the requirements of the ASTM standard for biodiesel.

To receive a copy of application note 1039, "*The Determination of biodiesel with the Prodigy ICP*", contact Teledyne Leeman Labs, 6 Wentworth Drive, Hudson, NH 03051. Telephone (603) 886-8400, Fax: (603) 886-9141 or email: LeemanLabsinfo@Teledyne.com or to download the technical note from our our website at www.leemanlabs.com/resources/applications.