

VARIAN, INC.

Biodiesel Analysis

VARIAN'S FULL RANGE OF ANALYTICAL SOLUTIONS

Varian, Inc. offers the most complete range of robust solutions for the analysis of biodiesel, including the challenging analysis of free glycerin, total glycerol and determination of phosphates.

- Full range of high performance analytical gas chromatographs, ICP-OES and FT-IR spectrometers
- Determination of FAME by GC and FT-IR
- Determination of Ca, K, Mg and Na content in FAME using ICP-OES (EN-14538)
- Determination of phosphorous (P) content in FAME by ICP-OES (EN-14107)
- Determination of sodium (Na) content in FAME using AAS (EN-14108)
- Determination of potassium (K) content in FAME using AAS (EN-14109)
- Determination of Additive Elements in Lubricating Oils by ICP-OES (ASTM D4951)
- Complete range of Varian Select™ Biodiesel columns for GC:
 - Glycerides (ASTM D6584, EN-14105)
 - Ester & linoleic acid methyl esters (EN-14103)
 - Methanol (EN-14110)
 - Free Glycerol (EN-14106)
- Unique Select™ Biodiesel for Glycerides UltiMetal™ GC column increases lifetime and prevents column breakage
- Full range of automatic liquid and headspace samplers, including 100- or 20-sample options (EN-14110)
- Galaxie™ Chromatography Software
- Optimized consumables including fittings and gas filters
- Factory checkout or demonstrated analysis (optional)



730-ES ICP-OES



Varian Select™ Biodiesel GC columns and Gas Clean Filters



640-IR FT-IR

NOTICE: This document contains references to Varian. Please note that Varian, Inc. is now part of Agilent Technologies. For more information, go to www.agilent.com/chem.



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