



Calibration Standards for Biodiesel (B100) ASTM D 6751 and EN 14214 Methods

DCG has available calibration standards to help meet the specifications of ASTM D 6751 and EN 14214: Specifications for B100 Biodiesel. All standards are NIST traceable by weight and have been verified for accuracy by one or more analytical methods. Links will connect with individual standard information.

Property	Test Method	DCG Part #
Acid Number	ASTM D 664, EN 14104	ASTM D 664 Check Standard
Calcium and Magnesium	EN 14538	DCGUOP389
Cloud Point	ASTM D 2500	DCGCP2, DCGCP10, DCGCP20
Ester Content	EN 14103	DCGEN14103
Flash Point	ASTM D 93, EN/CD 3679	DCGFP134HEX
Glycerin – Free	ASTM D 6584, EN 14105, EN 14106	D 6584
Glycerin – Total	ASTM D 6584, EN 14105	D 6584
Hexane Residue in Fats	AOCS method Ca 36-87	DCGHexMe05
Iodine Value	EN 14214 or EN 14111	DCGEN14111
Kinematic Viscosity - 40°C	ASTM D 445, EN ISO 310	DCGVIS4
Linolenic Acid Methyl Ester or FAME Analysis	EN 14103	DCGEN14103
Methanol Content	EN 14110	EN 14110 Cal Kit
Phosphorus Content	ASTM D 4951, EN 14107	DCGORGM-P100
Monoglyceride Content	EN 14105	D 6584
Diglyceride Content	EN 14105	D 6584
Triglyceride Content	EN 14105	D 6584
Sodium and Potassium	EN 14538	DCGUOP391
Sulfur	ASTM D 5453 or Other Total Sulfur Method	Ultra Low and Low Sulfur in Diesel Fuel Calibration Kits
Sulfur	ASTM D 5453 or Other Total Sulfur Method	Sulfur in Mineral Oil Standards
Sulfur	ASTM D 5453 or Other Total Sulfur Method	Sulfur in Biodiesel Standards

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