

Agilent Product Name: B100 Biodiesel Blank

Agilent Part No: 5190-8719

Lot No: 000977594B

Product Specifications

Matrix: B100 Biodiesel (100% Biodiesel)

Intended Use: This solution is intended for use as a calibration blank solution or diluent for the analysis of metals and sulfur in biodiesel products using inductively coupled plasma optical emission spectroscopy (ICP-OES), inductively coupled plasma mass spectrometry (ICP-MS), atomic absorption spectroscopy (flame AAS or GFAAS), microwave plasma atomic emission spectroscopy (MP-AES), rotating disc electrode atomic emission spectroscopy (RDE-AES), and other techniques for elemental analysis.

Certification & Traceability: This solution was prepared under a quality management system that is accredited to **ISO/IEC 17025**, and registered to **ISO 9001**. It was analyzed for sulfur by ASTM D4045 with traceability to NIST SRM 2770. It was also analyzed for trace metals by inductively coupled plasma optical emission spectroscopy (ICP-OES), with traceability to NIST SRM 1085b.

Trace Concentrations ($\mu\text{g/g}$)

Ca	<1	K	<1	P	0.3
Cu	<1	Mg	<1	S	0.4
Fe	<1	Na	<1	Zn	<1

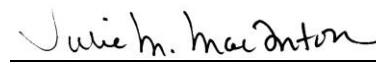
Instructions for Use: Agilent Technologies recommends that the solution be thoroughly mixed by repeated shaking or swirling of the bottle immediately prior to use. The solution should be kept tightly capped. Store at controlled room temperature per USP 35 (10.30.60). Do not freeze, heat, or expose to direct sunlight. Minimize exposure to moisture or high humidity.

Period of Validity: Agilent Technologies ensures the accuracy of this solution until the expiration date shown below, provided the instructions for use are followed. During the period of validity, the purchaser will be notified if this product is recalled due to any significant changes in the stability of the solution.

Date of release: 2 June 2015

Date of expiration: 21 March 2017

Sample lot approver:


QA Manager