

# Biodiesel Standards

## Sulfur and Metals in Biodiesel

The Conostan family of Biodiesel Standards was designed for use during the analysis of metal and sulfur content in biodiesel-based fuels. These standards meet the requirements of common biodiesel analysis methods such as those outlined in ASTM D6751 and EN 14214.

Convenient and ready-to-use, the Conostan family of Biodiesel Standards delivers the precise data you need, with the following features:



- ▶ A biodiesel matrix that is low in sulfur and water content
- ▶ Coverage of multiple biodiesel blend ratios ranging from B5 to B100
- ▶ Single- and multi-element biodiesel standards (Ca, K, Mg, Na and P)
- ▶ Convenient 100g bottle and comprehensive Certificate of Analysis

For accurate results and convenience, choose the Conostan family of biodiesel standards to support analysis of your biodiesel samples.

### Sulfur in Biodiesel (B5, B20 and B100)

| Concentration (ppm) | 5% Biodiesel (B5) | 20% Biodiesel (B20) | 100% Biodiesel (B100) |
|---------------------|-------------------|---------------------|-----------------------|
|                     | Part Number       |                     |                       |
| Blank               | 150-440-000       | 150-440-050         | 150-440-100           |
| 5                   | 150-440-005       | 150-440-055         | 150-440-105           |
| 10                  | 150-440-010       | 150-440-060         | 150-440-110           |
| 15                  | 150-440-015       | 150-440-065         | 150-440-115           |
| 30                  | 150-440-020       | 150-440-070         | 150-440-120           |
| 50                  | 150-440-025       | 150-440-075         | 150-440-125           |
| 75                  | 150-440-030       | 150-440-080         | 150-440-130           |
| 100                 | 150-440-035       | 150-440-085         | 150-440-135           |
| 200                 | 150-440-040       | 150-440-090         | 150-440-140           |
| 500                 | 150-440-045       | 150-440-095         | 150-440-145           |

### Metals in 100% Biodiesel (B100)

| Elements            | Ca, K, Mg, Na, P | K, Na       | Ca, Mg      |
|---------------------|------------------|-------------|-------------|
| Concentration (ppm) | Part Number      |             |             |
| Blank               | 150-441-000      | 150-441-000 | 150-441-000 |
| 2.5                 | 150-441-005      | 150-440-030 | 150-440-065 |
| 5                   | 150-441-010      | 150-440-035 | 150-440-070 |
| 10                  | 150-441-015      | 150-440-040 | 150-440-075 |
| 15                  | 150-441-020      | 150-440-045 | 150-440-080 |
| 20                  | 150-441-025      | 150-440-050 | 150-440-085 |
| 25                  | -                | 150-440-055 | 150-440-090 |
| 50                  | -                | 150-440-060 | 150-440-095 |