

EC Calibration Solutions

Quality Solutions for Laboratory Applications

- **Guaranteed quality**
 - Each label shows the production batch number, expiration date and conductivity/temperature correlation table.
- **Certified solutions available**
- **FDA compliant bottles**
 - Opaque, light-tight bottles that meet FDA standards (HI80XX)

84 µS/cm Calibration Solution

This 84 µS/cm conductivity solution makes it possible to calibrate instruments with a conductivity scale of up to 200 µS/cm, in the measurement of pure or distilled water.

Using our single-dose 20 mL solution sachets guarantees freshness for every calibration.

1413 µS/cm Calibration Solution

The 1413 µS/cm calibration solution is best suited for general use. This solution is also available in combined sachet kits with Hanna pH 7 buffer for easy calibration of multiparameter instruments.

This solution is also available in different sized bottles and in single dose, ready to use sachets.

The HI8031L solution is provided in an opaque bottle according to FDA (Food & Drug Administration) regulations, which prevents the reagent from damage due to extended exposure to light.

Our wide range of calibration solutions also includes solutions provided with a certificate of analysis to satisfy the requirements of any application from the farm to the factory.

5000 µS/cm Calibration Solution

This calibration solution is ideal for applications that need to achieve higher reading accuracies in a conductivity scale between 2,000 µS/cm and 10,000 µS/cm. This solution is widely used in agriculture for monitoring and preparing nutrient solutions for proper crop production.

Hanna has produced a 5000 µS/cm calibration solution that is available in a wide range of sizes and packages to suit every application.



84 µS/cm Bottles

| Code | EC Value @25°C | Size | Package | FDA Bottle | Certificate of Analysis |
|---------|----------------|--------|----------|------------|-------------------------|
| HI6033 | 84 µS/cm | 500 mL | 1 bottle | | • |
| HI7033L | 84 µS/cm | 500 mL | 1 bottle | | on request |
| HI7033M | 84 µS/cm | 230 mL | 1 bottle | | on request |
| HI8033L | 84 µS/cm | 500 mL | 1 bottle | • | • |

1413 µS/cm Bottles

| Code | EC Value @25°C | Size | Package | FDA Bottle | Certificate of Analysis |
|-----------|----------------|--------------|----------|------------|-------------------------|
| HI6031 | 1413 µS/cm | 500 mL | 1 bottle | | • |
| HI7031/1G | 1413 µS/cm | 1 G (3.78 L) | 1 bottle | | on request |
| HI7031L | 1413 µS/cm | 500 mL | 1 bottle | | on request |
| HI7031L/C | 1413 µS/cm | 500 mL | 1 bottle | | • |
| HI7031M | 1413 µS/cm | 230 mL | 1 bottle | | on request |
| HI8031L | 1413 µS/cm | 500 mL | 1 bottle | • | • |

1413 µS/cm Sachets

| Code | EC Value @25°C | Size | Package | Certificate of Analysis |
|----------|----------------------|-------|--------------------|-------------------------|
| HI70031C | 1413 µS/cm | 20 mL | 25 sachets | • |
| HI70031P | 1413 µS/cm | 20 mL | 25 sachets | |
| HI77100C | 1413 µS/cm & pH 7.01 | 20 mL | 20 sachets (10 ea) | • |
| HI77100P | 1413 µS/cm & pH 7.01 | 20 mL | 20 sachets (10 ea) | |

5000 µS/cm Bottles

| Code | EC Value @25°C | Size | Package | FDA Bottle | Certificate of Analysis |
|---------|----------------|--------|----------|------------|-------------------------|
| HI7039L | 5000 µS/cm | 500 mL | 1 bottle | | on request |
| HI7039M | 5000 µS/cm | 230 mL | 1 bottle | | on request |
| HI8039L | 5000 µS/cm | 500 mL | 1 bottle | • | • |

5000 µS/cm Sachets

| Code | EC Value @25°C | Size | Package | Certificate of Analysis |
|----------|----------------|-------|------------|-------------------------|
| HI70039C | 5000 µS/cm | 20 mL | 25 sachets | • |
| HI70039P | 5000 µS/cm | 20 mL | 25 sachets | |



EC Calibration Solutions

Quality Solutions for Laboratory Applications

- Compliant standards
 - Meets FDA standards (HI80XX)

12880 $\mu\text{S}/\text{cm}$ Calibration Solution

The 12880 $\mu\text{S}/\text{cm}$ (12.88 mS/cm) calibration solution is widely used to assure the proper performance of conductivity meters with a scale higher than 10 mS/cm.

This solution is used mainly for industrial applications and is available in various sizes to better meet user requirements.

80000 $\mu\text{S}/\text{cm}$ Calibration Solution

The 80,000 $\mu\text{S}/\text{cm}$ calibration solution is needed for the proper calibration of instrumentation used to measure high conductivity samples such as wastewater, solutions with suspended solids and plating baths.

It is available in two different sizes and also in an FDA approved light shielded bottle.

This calibration solution is also ideal for use in the agroalimentary sector.

111800 $\mu\text{S}/\text{cm}$ Calibration Solution

This calibration solution is useful to calibrate instrumentation used to measure samples with conductivity higher than 100 mS/cm (100,000 $\mu\text{S}/\text{cm}$).

In fact, this solution makes it possible to calibrate instruments that perform under conditions of high salt concentrations.

This calibration solution is ideal for use in systems where phase limits have to be detected (e.g. separation of a substance from water), monitoring of bottle washing plants, beverage controls, check of acids or bases in electrodeposition processes and some plating baths.



12880 $\mu\text{S}/\text{cm}$ Bottles

| Code | EC Value @25°C | Size | Package | FDA Bottle | Certificate of Analysis |
|-----------|-------------------------------|--------------|----------|------------|-------------------------|
| HI7030/1G | 12880 $\mu\text{S}/\text{cm}$ | 1 G (3.78 L) | 1 bottle | | on request |
| HI7030L | 12880 $\mu\text{S}/\text{cm}$ | 500 mL | 1 bottle | | on request |
| HI7030M | 12880 $\mu\text{S}/\text{cm}$ | 230 mL | 1 bottle | | on request |
| HI8030L | 12880 $\mu\text{S}/\text{cm}$ | 500 mL | 1 bottle | • | • |

12880 $\mu\text{S}/\text{cm}$ Sachets

| Code | EC Value @25°C | Size | Package | Certificate of Analysis |
|----------|-------------------------------|-------|------------|-------------------------|
| HI70030C | 12880 $\mu\text{S}/\text{cm}$ | 20 mL | 25 sachets | • |
| HI70030P | 12880 $\mu\text{S}/\text{cm}$ | 20 mL | 25 sachets | |

80000 $\mu\text{S}/\text{cm}$ Bottles

| Code | EC Value @25°C | Size | Package | FDA Bottle | Certificate of Analysis |
|---------|-------------------------------|--------|----------|------------|-------------------------|
| HI7034L | 80000 $\mu\text{S}/\text{cm}$ | 500 mL | 1 bottle | | on request |
| HI7034M | 80000 $\mu\text{S}/\text{cm}$ | 230 mL | 1 bottle | | on request |
| HI8034L | 80000 $\mu\text{S}/\text{cm}$ | 500 mL | 1 bottle | • | • |

111800 $\mu\text{S}/\text{cm}$ Bottles

| Code | EC Value @25°C | Size | Package | FDA Bottle | Certificate of Analysis |
|---------|--------------------------------|--------|----------|------------|-------------------------|
| HI7035L | 111800 $\mu\text{S}/\text{cm}$ | 500 mL | 1 bottle | | on request |
| HI7035M | 111800 $\mu\text{S}/\text{cm}$ | 230 mL | 1 bottle | | on request |
| HI8035L | 111800 $\mu\text{S}/\text{cm}$ | 500 mL | 1 bottle | • | • |

