Mesa Laboratories Inc
12100 West 6th Ave., Lakewood, CO 80228
TEL (303) 987-8000 FAX (303) 987-8989
www.mesalabs.com

Description: Combined Standard Solution 14.0 mS/cm 7.00 pH @ 25°C
Part Number: 02.0070
Lot No: ML-P7C14-1483
Certification Date: October 03, 2018
Expiration Date: March 27, 2020

<table>
<thead>
<tr>
<th>Nominal Value (mS/cm)</th>
<th>Measured Value (mS/cm)</th>
<th>Tolerance @ 25°C (mS/cm)</th>
<th>Measured Value In Tolerance</th>
<th>Reference System Standard</th>
<th>Reference System Uncertainty @ 25°C (mS/cm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.0000</td>
<td>13.999</td>
<td>±0.03 mS</td>
<td>Yes</td>
<td>NIST SRM 999</td>
<td>±0.008</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Nominal Value (pH Units)</th>
<th>Measured Value (pH Units)</th>
<th>Tolerance @ 25°C (pH Units)</th>
<th>Measured Value In Tolerance</th>
<th>Reference System Standards</th>
<th>Reference System Uncertainty @ 25°C (pH Units)</th>
</tr>
</thead>
<tbody>
<tr>
<td>7.000</td>
<td>7.002</td>
<td>±0.03</td>
<td>Yes</td>
<td>NIST SRM 186</td>
<td>±0.006</td>
</tr>
</tbody>
</table>

Test Methods
- All analytical balances are calibrated by an ISO/IEC 17025:2005 accredited calibration laboratory. All balances are checked prior to use using an in-house procedure. Weights used for testing are traceable to NIST.
- All thermometers are NIST traceable through reference temperature probes that are calibrated by an ISO/IEC 17025:2005 accredited calibration laboratory.
- Conductivity measurements are taken at 25°C ± 0.25°C using SOP 900215-001 and are temperature compensated. Uncertainty is calculated using a 95% confidence interval using the Student’s T Test for (n=30).
- pH measurements are taken at 25°C ± 0.25°C using EPA Method 150.1 and are temperature compensated. Uncertainty is calculated using an Expanded Uncertainty U=kuc (k=2.00).

Intended Use
This standard solution is indicated for calibrating conductivity meters and pH meters.

Hazardous Information
Please refer to the Material Safety Data Sheet available on our website for information on this material.

Stability and Storage
Protect from temperature extremes. Discard if solution has been frozen. Do not return used solution into the container. Keep cap tightly sealed when not in use. Discard 30 days after opening.

Conformance Statement
Mesa Laboratories Inc certifies that the above referenced product was tested using the N.I.S.T. traceable standards listed above, and meets or exceeds all published specifications as printed on the product label. Our manufacturing laboratory is accredited to ISO/IEC 17025.

Jamie Louie
Sr. Quality Manager
Instruments Division

Doug Weerstra
Laboratory Manager

Form 714 Rev. D