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

Description: Conductivity Calibration Solution 50mS/cm @ 25°C  
Part Number: 02.0071  
Lot No: ML-C50-1545  
Certification Date: September 13, 2019  
Expiration Date: March 11, 2021

<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>50.000</td>
<td>49.999</td>
<td>±0.4 mS</td>
<td>Yes</td>
<td>NIST SRM 999</td>
<td>±0.034</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.
- Measurements are taken at 25°C ± 0.25°C using SOP 900215-001 and are temperature compensated.

**Intended Use**
This standard solution is indicated for calibrating conductivity 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.

Jamie Louie  
Senior Quality Manager  
Instruments Division  

Ryan Rausch  
Manufacturing Lead

Form 712 Rev. D