

This is to certify that the following meter was calibrated in accordance with procedures **LWI-112** and **LWI-115** for performing primary gravimetric calibrations in the Micro Motion Measurement Technology Test Lab. The meter has been calibrated with standards whose accuracies are traceable to N.I.S.T.

Micro Motion, Inc. accredited by the American Association for Laboratory Accreditation (A2LA) for the specific scope of accreditation under Certificate Number 2033.01.

**STANDARDS USED**

19F5-19F9, 19FA-19FN, 19FP-19FZ, 19GC-19GK, 19GL, 74876, 586735, 590294, 590295, 51-2006939

ESTIMATED UNCERTAINTY  $\pm 0.014\%$

The uncertainty is estimated using a coverage factor (k) of 2, providing a confidence level of approximately 95 %

**STATUS**

As Found

As Left

  
TEST TECHNICIAN      11/20/2006  
DATE

  
QUALITY ASSURANCE REVIEW      11/20/06  
DATE

**TEST DATE & TIME**

11/17/2006 3:10:29 PM

**TEST COMMENTS**

CMF200 Global Reference Meter (Initial Calibration) 340pt Flow Test 7K

**SENSOR DATA**

Serial Number: 14018343  
Model: ELITE  
Size: 200  
Material: 316L Stainless Steel  
Press Rating: STANDARD  
Temp Rating: STANDARD

**SENSOR CALIBRATION**

Flow Calibration Factor: 214,444.45  
D1: 0.00000  
D2: 1.00000  
K1: 10628.73  
K2: 12632.80  
FD: 272.79  
Density Temp Coeff.: 4.45

**TRANSMITTER DATA**

Serial Number: 09001122  
Model: MVD - 2400S  
Mass Flow Units: lb/min  
Density Units: g/cc  
Temperature Units: C  
Mass Flow Cutoff: 1.60  
Mass Flow Damping: 0.6  
Flow Direction: FWD  
Frequency Flow Rate: 2100  
Frequency Span: 10000

**METER SPECIFICATIONS**

Flow Accuracy: 0.10 %  
Flow Repeatability: 0.05 %  
Zero Stability: 0.08000 lb/min  
Density Accuracy: 0.0005 g/cc  
Density Repeatability: 0.0002 g/cc

