

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 ±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


11/15/2006

11/15/06
 TEST TECHNICIAN DATE QUALITY ASSURANCE REVIEW DATE

TEST DATE & TIME

11/9/2006 2:53:19 PM

TEST COMMENTS

CMF100 Global Reference Meter (Initial Calibration) 340pt Flow Test 7K

SENSOR DATA

Serial Number: 14012354
 Model: ELITE
 Size: 100
 Material: 316L Stainless Steel
 Press Rating: STANDARD
 Temp Rating: STANDARD

SENSOR CALIBRATION

Flow Calibration Factor: 47.1534.26
 D1: 0.00000
 D2: 1.00000
 K1: 7942.82
 K2: 9589.08
 FD: 231.37
 Density Temp Coeff.: 4.40

TRANSMITTER DATA

Serial Number: 09001120
 Model: MVD - 2400S
 Mass Flow Units: lb/min
 Density Units: g/cc
 Temperature Units: C
 Mass Flow Cutoff: 0.50
 Mass Flow Damping: 0.6
 Flow Direction: FWD
 Frequency Flow Rate: 700.000061
 Frequency Span: 10000

METER SPECIFICATIONS

Flow Accuracy: 0.10 %
 Flow Repeatability: 0.05 %
 Zero Stability: 0.02500 lb/min
 Density Accuracy: 0.0005 g/cc
 Density Repeatability: 0.0002 g/cc

