

Certificate Of Calibration

The following device has been calibrated in accordance with ANSI Z540-1-1994 and ISO/IEC-17025:2005 using instruments traceable to the National Institute of Standards and Technology

COASTAL INSTRUMENTS
707 ENTERPRISE DRIVE
BURGAW NC 28425-

STP Conditions: 21.1 °C @ 760 mmHg
Calibration Temperature 22.2° C ± 3° C
He pre-ship leak rate 1 x 10⁻⁹

Model: ALICAT SCIENTIFIC MC-5SLPM-TFT-DB9M
Serial Number: 117329
Range: 5000 sccm
Gas: N2
Inlet Pressure: 25 PSIG
Outlet Pressure: ATM
Positioning: HBD
Calibration Gas: N2, N2 CF = 1
Calibration Date: 6/19/2015

Initial Inspection

- No visible contamination

Services

- No disassembly required
- Calibrated at full scale flow using Coastal standards. IAW Document 005 (rev 10/06/14), "MFC Calibrations"
- Assembled with Viton seals

Parts Replaced

- No parts required

Comments

- We appreciate your business!

Approved by: S. Bruce Benson, Quality Manager

As Found

Volt	%	Calc. Flow (sccm)	F.S. Dev.
		no data taken	

As Left

Volt	%	Calc. Flow (sccm)	F.S. Dev.
0.000	0	No Flow	0.00%
1.00	20	1003.89	0.08%
2.00	40	2004.43	0.09%
3.00	60	3007.79	0.16%
4.00	80	4015.20	0.30%
5.00	100	5025.61	0.51%

% F.S. Dev = (Calculated - Target) / Full Scale * 100

Linearity Deviation

