

CERTIFICATION OF CALIBRATION



ISSUED BY: GEOTECH LABORATORY

Date Of Calibration: 02-Apr-2014

Certificate Number: IN05425_3/12534

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Approved by Signatory

GEM SCIENTIFIC

Unit 301 Batley Enterprise Centre 513 Bradford Road Batley WF17 8LL
Tel: 01924 444577 – Fax: 01924 471743

Dawn Hemings
Laboratory Inspection

Customer: Gem Scientific Ltd
Unit 301, Batley Ent. Centre
513 Bradford Road
BATLEY
West Yorkshire
WF17 8LL
UNITED KINGDOM

Description: Gas Analyser

Model: G100

Serial Number: IN05425

Carbon Dioxide (CO2)	
Certified Gas (%)	Instrument Reading (%)
10.0	10.0
2.5	2.5
5.1	5.1

Oxygen (O2)	
Certified Gas (%)	Instrument Reading (%)
21.2	21.2

Barometer (mbar)	
Reference	Instrument Reading
993	993

All concentrations are molar.

CO2 readings recorded at : 29.9 °C

O2 readings recorded at : 21.6 °C

Barometric Pressure : 0993 mbar

Method of Test: The analyser is calibrated in a temperature controlled chamber using reference gases, providing traceability of measurement to recognised international standards.

Calibration Passed: Reported calibration readings are within the manufacturer specification.

End of Certificate