

**Elemental Microanalysis Limited**

Okehampton Business Park  
Exeter Road  
Okehampton  
Devon EX20 1UB  
Telephone 01837 54446/7  
Fax 01837 54544

**Certificate of Analysis****Part No. B2385****Carbon & Sulphur in Limestone  
Standard**

Certificate Number 101602  
Date 17 September 2014  
Page 1 of 1

**% Carbon**  
**Mean = 11.72**  
**One sigma = 0.20**  
**Two sigma = 0.40**  
**Range = 11.32 – 12.12**

**%Sulphur**  
**Mean = 0.418**  
**One sigma = 0.020**  
**Two sigma = 0.040**  
**Range = 0.378 – 0.458**

Method of Analysis is Combustion by Induction and IR detection

**Primary Standards Employed:**

NIST 1b, 88b, 112b, 129c, 133b  
ECISS 701-1  
USGS SDO-1  
CANMET MP-1a, MA-1b, RTS-1, CH-3  
NCS DC60119  
IRSID 502-1

**Notes**

The mean analytical values were derived by a number of data sets, utilizing various ASTM approved instruments.

The precision values represent the standard deviation, two times the standard deviation, and complete range of analyses.

The material used in production of this standard was sampled in accordance with ARI 032. The samples used for round robin testing were selected in accordance with ARI 014. The above values relate only to the material used to produce this standard.

Remedies for any claimed defect in this product will be limited to product replacement or refund of the purchase price. In no event shall Elemental Microanalysis Ltd be liable for incidental or consequential damages.

This is a Certified Reference Material (CRM), and is traceable to the above-mentioned standard. For good laboratory practice it is recommended that all standards be verified prior to use.

Elemental Microanalysis Limited

Certified May, 2003