

AFFIX LABEL

HERE

## Elemental Microanalysis Ltd

### *Certificate of Analysis*

*Carrara Marble Powder (CaCO<sub>3</sub>)  
IRMS Certified Reference Material*

PART No. B2214

CERTIFICATE No: BN 255078

#### General

The Certified isotopic values listed below were generated from results submitted by a group of isotope laboratories in an interlaboratory study.

Results are traceable to primary isotope standards issued by I.A.E.A. Vienna.

Whilst this is a Certified Reference Material (CRM) it should not be considered as a substitute for those primary reference materials issued by I.A.E.A. Vienna, but may be used for example in method development, routine checking of analytical performance or as part of a quality control programme. The results presented in the table below are following a statistical evaluation and treatment of submitted data.

#### Isotope Results

	$\delta^{13}\text{C}$ v-PDB	$\delta^{18}\text{O}$ v-PDB
MEAN VALUE ‰	+2.10	-2.01
$\sigma$ (1s.d.) ‰	0.07	0.1

#### Handling and storage

This CRM should be stored between 20°C to 25°C in its original bottle. It should be kept tightly sealed when not in use and kept away from direct sunlight and excessive moisture. Once removed, do not return unused material to the original bottle. Refer to the product MSDS sheet.

#### Expiration date

This refers to the date at which time the certification of this CRM will no longer be valid. The expiration date will be three years from the date which appears on this certificate label and bottle.

#### Limit of Liability

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

#### Certification Information

The technical aspects involved in the preparation, certification and issuance of this CRM were carried out at Elemental Microanalysis Ltd, Okehampton, Devon EX20 1UB UK, Tel +44 1837 54446, Fax +44 1837 54544, Email [info@microanalysis.co.uk](mailto:info@microanalysis.co.uk).

For and on behalf of  
Elemental Microanalysis Ltd

Jon Davies  
Technical Director

