

**All Analysis Reported on a Dried Basis Value**

**Mean  $\mu\text{g/g}$  Mercury\* = 0.10**  
**Uncertainty = 0.03**

**Mean  $\mu\text{g/g}$  Chlorine = (<0.01)**  
For reference only

**Mean Weight Percent Sulphur = 0.45**  
**Uncertainty = 0.04**

**Mean Weight Percent Ash = 7.64**  
**Uncertainty = 1.38**

Methods

ASTM D 2013	ASTM D 3684-94
ASTM D 4208-97	ASTM D 4239 Method C-97
ASTM D 3174-97	ASTM D 6414*
ASTM D 6722*	EPA METHOD 7473*

Notes

The certified mean values were statistically derived from the values reported through Round Robin testing. This certificate has been reviewed and revised to express the expanded uncertainty  $k=2$ , 95% confidence limit. The certified mercury value has been revised with new additional testing methods (\*).

NMI standards used for traceability: SARM 20, SARM 1157, NIST SRM 1633b, SRM 1632d, SRM 2692c, SRM 2693.

This certificate was amended on June 10, 2011 to remove the uncertainty of the chlorine value due to analytical inconsistencies observed. The Chlorine value is now for reference only

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 RM is valid for two years from the date of opening

Revised Certification date: February 9, 2012

Elemental Microanalysis Limited