

Analytical Results

All analysis reported on a dried basis value	Mean	Exp. Unc.	n=	k=	Methods used
Mass % sulfur	3.59	± 0.13	21	2.1	ASTM D4239, D1552
Mass % Ash	0.43	± 0.15	7	2.4	ASTM D3174, D4422
Mass % volatile matter	9.71	± 1.12	21	2.1	ASTM D3175, D7582
Mean BTU/lb	14,837	± 214	7	2.4	ASTM D5865
Fixed Carbon (calculated)	*(89.86)	----			ASTM D3172
Mass % Carbon	88.90	± 1.51	7	2.4	ASTM D5373
Mass % Hydrogen	2.87	±0.23	8	2.3	ASTM D5373
Mass % Nitrogen	1.58	± 0.09	8	2.3	ASTM D5373
PPM- µg/g Nickel	226	± 62	6	2.4	ASTM D5056, D6349, D5600
PPM- µg/g Iron	460	± 117	8	2.3	ASTM D5056, D6349, D5600, D6357
PPM- µg/g Vanadium	1157	± 98	5	2.6	ASTM D5056, D6349, D5600
PPM- µg/g Calcium	199	± 61	8	2.3	ASTM D5056, D6349, D5600, D6357
PPM- µg/g Silicon	403	± 50	5	2.6	ASTM D5056, D6349, D5600

This Certified Reference Material is traced to NIST SRM 2718, 2718a; High purity materials: EDTA.
 The BTU is traceable to Benzoic Acid NIST 39j.

*() – indicates information or reference value only.

**The analytical results above are provided by an accredited reference material manufacturer with a current certification in ISO 17025 and 17034.

The intended use of this Reference Material (RM) is for the verification of test analysis by the above listed or other valid methods.

Refer to your test method or instrument manufacturer for typical and minimum sample size.

The Period of Validity for this RM is 15 years from the certified date.

This bottle contains 50g of -60mesh (250µ) green petroleum coke powder to be used per the test method you follow. Seal tightly immediately after use, and store under normal laboratory conditions.

Refer to your test methods and or manufacturer manual for expanded uncertainties, repeatability/reproducibility factors.

For good laboratory practice, we recommend that all reference materials be verified as fit for purpose prior to use. 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.

EXPIRATION DATE:

THIS RM IS VALID FOR TWO YEARS FROM THE DATE OF OPENING

Certified on the 18th of September 2023

Elemental Microanalysis Ltd