



**TITLE/ IDENTIFIER /NAME** ACCREDITED REFERENCE MATERIAL – TS ARM 062

**PRODUCT: BITUMINOUS COAL**

**MASS: APPROXIMATELY 50g-----BATCH REFERENCE : 012023/062 REV 00**

### *Certificate of Analysis*

**1. APPLIED USAGE**

This product is to be used for the calibration of sulphur analysers, typically utilized in the coal industry for the determination of the total sulphur in coal, or used as a daily control sample.

**2. TRACEABILITY**

Certification of this product is traceable to NIST SRM 2684c.

**ISO Guide 35 : Reference Materials – General and statistical principles for certification**, was used as the guideline for the certification process.

**3. INSTRUCTIONS FOR USAGE**

Ensure the product is received in a sealed container. The tab should not be broken or damaged upon receipt. If not in use, store in a clean, dry environment where the relative humidity does not exceed 90%. The values assigned are on dry base. Condition the sample in your laboratory, determine the Moisture in the sample and convert the assigned base value to air dry. This will be the assigned value for your operation.

**4. ASSIGNED VALUE**

**ASSIGNED DRY BASE VALUE : 6.00 %**

**Upper limit : 6.20%**

**Lower Limit : 5.80%**

**Tolerance: ± 0.20% (Based on ASTM 4239, repeatability)**

**Uncertainty of Measurement : 0.03%**

5. Date Manufactured : January 2023

**6. PERIOD OF VALIDITY**

Discard 2 years after opening, as a precautionary measure

**7. LIMIT OF LIABILITY**

The limit of liability is restricted to the value of 1 bottle of ARM 062

**REFERENCE MATERIAL CO-ORDINATOR : R Baboolal**

**THINKING QUALITY, QUALITY THINKING**

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