



CCIC SOUTH AMERICA S.R.L.

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正本
ORIGINAL

Certificate Number: CCIC_SA_20210992

CERTIFICATE OF ANALYSIS

In pursuance of an order received from our principal, requesting us to carry out the instructions summarized as under:

- Sampling and laboratory analysis

Principal:	Peru Royal Mining S.A.C.
Sampling quantity:	One Sample 14Kg Approx.
Sample packaging:	In a Hermetical Bucket and Inner of a Plastic Bag
Product:	Anthracite Coal
Sampling date:	December 7 th , 2021
Sample Identification:	Minerales Yanagirka SAC 2000 MT - 3000 MT - CCICSA94003

We certify as follows:

Analysis: The sample was prepared and delivered by our inspectors to an independent laboratory for analysis. Results as follows:

Testings	Results	Methods
Superficial Moisture (ARB)	11.96 %	Air drying loss
Inherent Moisture (air dried basis)	2.00 %	ASTM D3173
Total Moisture (as received basis)	13.72 %	ASTM D3302
Ash as dry basis (A db), %	12.89 %	ASTM D3174
Volatile matter as dry basis (VM db), %	4.05 %	ASTM D3175
Total sulphur as dry basis(S db), %	0.57 %	ASTM D2492
Net Calorific Value (Kcal, KG) (As received basis)	6216Kcal/kg	ASTM D5865

Mesh	Passing Percentage in Weight
0-50 mm	100%

Methods:

ASTMD 3744-03 Standard Test Method for Total Moisture in Coal

ASTMD 3175-07 Standard Test Method for Volatile Matter in the Analysis Sample of Coal and Coke

ASTMD 3174 -04 Standard Test Method for Ash in the Analysis sample of Coal and Coke from Coal.

ASA-P-T-LI-14 Determination of Sulphur by combustion in a reduction furnace and IR detection (Leco Method)

Gouthal Method for Calorific Value of Coal (Calculate Method)

ASAPE 63 Determination of Mesh (ASTM)

Issued in Buenos Aires, December 11th, 2021

