



CERTIFICATE OF SAMPLING AND ANALYSIS

VESSEL: MV STELLA NAVIS
PORT OF DISCHARGE: HDC, HALDIA INDIA
SAMPLING COMMENCED: 14 DECEMBER 2025
SAMPLING COMPLETED: 17 DECEMBER 2025
QUANTITY (AS DECLARED BY THE CLIENT): 15000.000 METRIC TONS
DESCRIPTION OF GOODS: STEAM COAL IN BULK (AS DECLARED BY THE CLIENT)
OUR REFERENCE: 200062029

THIS IS TO REPORT that in accordance with instructions received from our Principal, M/s Anand Carbo Pvt. Ltd., to perform sampling and analysis of the above-mentioned shipment, we hereby report the following:-

SAMPLING Manual sampling was performed by SGS, as per ISO 18283 5.3 during the discharge of the vessel. Increments were collected from a freshly exposed surface while the material was in motion, on a systematic, known-mass interval basis, with a fixed-increment mass. The manual sampling method was agreed with the SGS Principal, as sampling by more reliable methods was not possible. The suitability of this sampling method is defined by the standard.

ANALYSIS Analysis performed in accordance with ISO Standards or other International Standards and SGS Procedures.

Nominal Topsize 50 mm

We report the following:

Proximate Analysis	Unit	As Received Basis	Air Dry Basis	Dry Basis	Dry Ash Free Basis
Total Moisture	%	6.00	-----	-----	-----
Moisture in Analysis Sample	%	-----	1.35	-----	-----
Ash	%	7.84	8.23	8.34	-----
Volatile Matter	%	37.85	39.72	40.26	43.93
Fixed Carbon	%	48.31	50.70	51.40	56.07
Total Sulphur	%	2.82	2.96	3.00	3.27
Gross Calorific Value	kcal/kg	7288	7649	7754	8459
Net CV, constant volume	kcal/kg	7056	7433	7542	-----

Ultimate Analysis	Unit	As Received Basis	Air Dry Basis	Dry Basis	Dry Ash Free Basis
Total Carbon	%	77.68	81.52	82.64	90.16
Total Hydrogen (includes H in moisture)	%	4.72	4.40	4.31	4.70
Total Nitrogen	%	1.43	1.50	1.52	1.66
Oxygen by diff.(includes O in moisture)	%	5.51	1.39	0.19	0.21
Hydrogen (excludes H in moisture)	%	4.05	4.25	-----	-----
Oxygen (excludes O in moisture)	%	0.18	0.19	-----	-----



SGS India Private Limited

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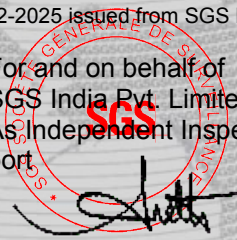


Size Distribution (air-dried basis) Square holed Sieves used		
Size Fraction	Size Fraction	Fractional Mass %
-mm	+mm	
	50	3.7
50	0	96.3
	Total	100.0

This eCertificate cancels and supersedes our eCertificate no. 25122602F6 dated 26-12-2025 issued from SGS Haldia.

Issued by SGS India Pvt. Limited
29 December 2025

For and on behalf of
SGS India Pvt. Limited
As Independent Inspection Agency at discharge port



SGS India Private Limited
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