

Certificate of Analysis – Shipment COA

Loadport Quality Certificate – Met Coal Cargo

Reference: DEMO-COA-88421 / MV Pacific Merit

Synthetic Demo Document – Demonstration Purposes Only

Shipment Details

Vessel: MV Pacific Merit. Port: Newport News. Terminal: Dominion Terminal Associates. Cargo: 62,000 MT low-volatile metallurgical coal.

Buyer specification comparison requested under CoalSense preliminary screening workflow.

Quality Results (Air-Dried Basis)

Laboratory report issued for demonstration purposes only.

- Ash: 9.8% (buyer max 8.5%) – ash variance noted
- Sulfur: 0.62% (buyer max 0.55%)
- Moisture: 8.1%
- GAR: 6,180 kcal/kg
- CSR: 58 (buyer min 62) – CSR/CRI issue mentioned
- CRI: 28
- HGI: 47
- Sizing below spec on 1.0 mm fines – penalty exposure possible
- Rejection risk if loaded quality cannot be blended to spec

Commercial Notes

Independent inspector sampling recommended before final acceptance. Quality variance may affect shipment pricing and penalty clauses under the sales contract.

Disclaimer

This synthetic document is provided for demonstration and workflow testing only. It does not represent a real vessel, charter party, laboratory result, or commercial transaction.