



2023 Price Guide

STANDARD LABORATORIES, INC.

Coal Testing Packages	ASTM Method	Price
MABS / Short Proximate (Moisture, Ash, BTU, Sulfur)	<i>D3173, D3174, D5865, D4239</i>	\$80.50
ASTM Proximate (Moisture, Ash, Volatile/Fixed Carbon, Sulfur)	<i>Volatile - D3175</i>	\$88.80
TGA package (Moisture, Ash, Volatile, Fixed Carbon)	<i>D7582</i>	\$69.60
Combo Proximate (Moisture, Ash, Btu, Vol/FC, Sulfur)	<i>D3173, D3174, D5865, D3175, D4239</i>	\$96.80
Carbon, Hydrogen, Nitrogen	<i>D5373</i>	\$125.00
Ultimate Analysis (M, A, S, C, H, N)	<i>D5373</i>	\$173.00
Major Ash Elements (13) SiO ₂ , Al ₂ O ₃ , Fe ₂ O ₃ , CaO, MgO, MnO ₂ , Na ₂ O, K ₂ O, P ₂ O ₅ , TiO ₂ , SO ₃ , BaO, SrO	<i>D4326 / D6349 / D6357 / D3682*</i>	\$360.00
Coal Analysis	ASTM Method	Price
% Total Moisture	<i>D2961 / D3302</i>	\$42.00
% Ash (as determined)	<i>D3174 / D7582</i>	\$33.50
Calorific Value (as determined)	<i>D5865</i>	\$33.50
% Sulfur (as determined)	<i>D4239</i>	\$33.50
% Volatile Matter (as determined)	<i>D3175 / D7582</i>	\$33.50
Residual Moisture	<i>D3173 / D7582</i>	\$14.00
Loss on Ignition (LOI)	<i>D7348</i>	\$33.50
Ash Fusion Temperature (4-point)	<i>D1857</i>	\$86.00
Ash Fusion Temperature (8-point)	<i>D1857</i>	\$128.50
Sulfur (Pyritic, Sulfate, Organic)	<i>D2492 / D8214</i>	\$130.00
Total Chlorine	<i>D4208 / D6721</i>	\$78.00
Total Mercury	<i>D6722</i>	\$78.00
Water Soluble Alkalies	<i>D8010</i>	\$105.00
Prep Fees		
60 Mesh Samples	<i>D2013</i>	\$17.00
8 Mesh Samples < 100 lbs.	<i>D2013</i>	\$20.75
8 Mesh Samples > 100 lbs. & Bulk Samples (hourly)	<i>D2013</i>	\$50.70

*P₂O₅ cannot be determined by D3682



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Physical Coal Analysis	ASTM Method	Price
Hardgrove Grindability Index	<i>D409</i>	\$99.80
Equilibrium Moisture	<i>D1412</i>	\$128.50
Bulk Density	<i>D291</i>	\$79.80
% Solids	<i>SL method</i>	\$85.50
% Magnetics (Davis tube)	<i>SL method</i>	\$99.80
% Magnetics (Retractable Magnet)	<i>SL method</i>	\$73.70
Particle Size (Wet)	<i>D4749</i>	\$85.50
Particle Size (Dry)	<i>D4749</i>	\$46.10
Float Sink Separation	<i>D4371</i>	\$99.80
Froth Flotation	<i>D4371</i>	\$132.20
Specific Gravity (True & Apparent)	<i>D167</i>	\$79.80
Fineness Particle Size	<i>D197</i>	\$265.30
Metallurgical Coal Analysis	ASTM Method	Price
Dilatometer	<i>D5515</i>	\$177.20
Gieseler Plastometry	<i>D2639</i>	\$177.20
Oxidation by Alkali Extraction	<i>D5263</i>	\$73.20
Free Swelling Index	<i>D720</i>	\$36.50
Coal Petrographics Analysis	<i>D2798/2799</i>	\$563.50
Coking Coal Analysis	ASTM Method	Price
CSR / CRI	<i>D5341</i>	\$489.30
Tumbler Stability / Hardness	<i>D3402</i>	\$383.70
Coke Petrographics Analysis	<i>D5061</i>	\$565.50
Projects	ASTM Method	Price
Core Studies	<i>D4749 / D4371</i>	ask for quote
Preparation Plant Studies	<i>D4749/D4371</i>	ask for quote
Bias Test	<i>D7430</i>	ask for quote
Washability Study	<i>D4749/D4371</i>	ask for quote
Field Services		Price
Labor	per hour	\$52.70
Mileage	per mile	\$1.86

Combination and/or volume discounts may apply. Please inquire.

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