Eastern Division

STANDARD LABORATORIES, INC.	ASTM Method	S. Chas., WV	Belington, WV	Wheeling, WV	Gormania, WV	Middletown, OH	Cannonsburg, KY	Cresson, PA	Van Buren, AR	Evansville, IN	Washington, IN	Freeburg, IL	Casper, WY	Buckskin, WY	Black Thunder, WY
Commercial Lab (**C**) or On-site (**O**)		C	C	C	C	C	C	C	C	C	O	C	C	O	O
Elemental Analysis (Coal & Coke)															
Instrumentation															
Atomic Absorption Analysis	D3682		✓					✓		✓				✓	✓
ICP-MS Analysis (Routine) Silver, Arsenic, Barium, Beryllium, Cadmium, Cobalt, Chromium, Copper, Germanium, Lithium, Lead, Manganese, Molybdenum, Nickel, Tin, Strontium, Vanadium, Zinc, Zirconium, Antimony, Thallium, Uranium, Thorium	D6357											ISO			
ICP-MS Analysis (Non-Routine) Bismuth, Gallium, Indium, Rubidium, Tellurium, Yttrium, Tungsten	D6357											ISO			
ICP-MS Analysis (Platinum Group Metals) Gold, Hafnium, Iridium, Palladium, Platinum, Rhodium, Ruthenium, Phosphorus, Rhenium, Tantalum, Thallium	D6357											ISO			
ICP-MS Analysis (Rare Earth Elements) Cerium, Dysprosium, Erbium, Europium, Gadolinium, Holmium, Lanthanum, Lutetium, Neodynium, Praseodymium, Samarium, Scandium, Terbium, Thulium, Yttrium, Ytterbium	D6357											ISO			
ICP - AES Analysis Aluminum, Barium, Calcium, Chromium, Iron, Potassium, Magnesium, Manganese, Sodium, Nickel, Phosphorus, Sulfur, Silicon, Strontium, Titanium, Vanadium, Zinc	D6349 / D6357		✓									ISO			

STANDARD LABORATORIES, INC.	ASTM Method	S. Chas., WV	Belington, WV	Wheeling, WV	Gormania, WV	Middletown, OH	Cannonsburg, KY	Cresson, PA	Van Buren, AR	Evansville, IN	Washington, IN	Freeburg, IL	Casper, WY	Buckskin, WY	Black Thunder, WY
ICP-AES Ash Minerals SiO_2, Al_2O_3, Fe_2O_3, CaO, MgO, Na_2O, K_2O, MnO_2, P_2O_5, TiO_2, BaO, SrO, SO_3	D6349		✓									ISO	ISO		
X-Ray Fluorescense - Ash Minerals SiO_2, Al_2O_3, Fe_2O_3, CaO, MgO, Na_2O, K_2O, MnO_2, P_2O_5, TiO_2, BaO, SrO, SO_3		✓								✓					
Bromine	D5987											✓			
Chlorine	D4208		✓					✓		✓					
Chlorine	D6721	✓										ISO	ISO	✓	
Fluorine	D5987							✓				ISO			
Mercury	D6722	✓	✓							✓		ISO	ISO		
Selenium	D4606		✓					✓				ISO			
Arsenic	D6357							✓							
Iodine	D5987											✓			
Boron												✓			
Water Soluble Alkalies	ASME 1974		✓					✓				ISO	ISO		
Acid Soluble Alkalies	ASME 1974		✓					✓				ISO	ISO		
Notes															
ISO 17025 accredited parameters		**ISO**	**ISO**			**ISO**	**ISO**					**ISO**	**ISO**		
Short Prox & Prox do not include BTU						ISO*									

Western Division

STANDARD LABORATORIES, INC.	ASTM Method	Antelope, WY	Cordero, WY	Coal Creek, WY	NARM , WY	NARM North, WY	Caballo, WY	Rawhide, WY	Absaloka, MT	Spring Creek, MT	Colstrip, MT	Somerset, CO	Twentymile, CO.	Huntington, UT
Commercial Lab (**C**) or On-site (**O**)		O	O	O	O	O	O	O	O	O	O	O	O	C
Elemental Analysis (Coal & Coke)														
Instrumentation														
Atomic Absorption Analysis	D3682	✓	✓	✓					✓	✓	✓			
ICP-MS Analysis (Routine) Silver, Arsenic, Barium, Beryllium, Cadmium, Cobalt, Chromium, Copper, Germanium, Lithium, Lead, Manganese, Molybdenum, Nickel, Tin, Strontium, Vanadium, Zinc, Zirconium, Antimony, Thallium, Uranium, Thorium	D6357													
ICP-MS Analysis (Non-Routine) Bismuth, Gallium, Indium, Rubidium, Tellurium, Yttrium, Tungsten	D6357													
ICP-MS Analysis (Platinum Group Metals) Gold, Hafnium, Iridium, Palladium, Platinum, Rhodium, Ruthenium, Phosphorus, Rhenium, Tantalum, Thallium	D6357													
ICP-MS Analysis (Rare Earth Elements) Cerium, Dysprosium, Erbium, Europium, Gadolinium, Holmium, Lanthanum, Lutetium, Neodynium, Praseodymium, Samarium, Scandium, Terbium, Thulium, Yttrium, Ytterbium	D6357													
ICP - AES Analysis Aluminum, Barium, Calcium, Chromium, Iron, Potassium, Magnesium, Manganese, Sodium, Nickel, Phosphorus, Sulfur, Silicon, Strontium, Titanium, Vanadium, Zinc	D6349 / D6357													

STANDARD LABORATORIES, INC.	ASTM Method	Antelope, WY	Cordero, WY	Coal Creek, WY	NARM , WY	NARM North, WY	Caballo, WY	Rawhide, WY	Absaloka, MT	Spring Creek, MT	Colstrip, MT	Somerset, CO	Twentymile, CO.	Huntington, UT
ICP-AES Ash Minerals SiO_2, Al_2O_3, Fe_2O_3, CaO, MgO, Na_2O, K_2O, MnO_2, P_2O_5, TiO_2, BaO, SrO, SO_3	D6349													
X-Ray Fluorescense - Ash Minerals SiO_2, Al_2O_3, Fe_2O_3, CaO, MgO, Na_2O, K_2O, MnO_2, P_2O_5, TiO_2, BaO, SrO, SO_3					✓	✓	✓	✓						
Bromine	D5987													
Chlorine	D4208													
Chlorine	D6721					✓					✓			
Fluorine	D5987													
Mercury	D6722					✓					✓			
Selenium	D4606													
Arsenic	D6357													
Iodine	D5987													
Boron														
Water Soluble Alkalies	ASME 1974													
Acid Soluble Alkalies	ASME 1974													
Notes														
ISO 17025 accredited parameters												**ISO**		
Short Prox & Prox do not include BTU														