

Switchgrass Fuel Bio-Mass CRM

Art. ID AR-1947
Unit 50 g
Deliverydetails No Dangerous Good /not restricted

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	Ash		4,43 ± 0,48	%		
	Carbon	[7440-44-0]	45,87 ± 2,61	%		
	Volatile matter		81,37 ± 2,86	%		
	Hydrogen (H)	[1333-74-0]	5,91 ± 0,28	%		
HHV only	BTU/Lb		7940 ± 285			
	Nitrogen (N)	[7727-37-9]	0,60 ± 0,08	%		
	Sulfur	[7704-34-9]	~0,05	%		
	Silicon (Si)	[7440-21-3]	1,26 ± 0,55	%		
	Nickel (Ni)	[7440-02-0]	~0,0005	%		
	Aluminium (Al)	[7429-90-5]	0,053 ± 0,008	%		
	Vanadium (V)	[7440-62-2]	~0,0002	%		
	Titanium (Ti)	[7440-32-6]	0,0050 ± 0,0009	%		
	Copper (Cu)	[7440-50-8]	(0,0037 ± 0,0013)	%		
	Iron (Fe)	[7439-89-6]	0,04 ± 0,02	%		
	Arsenic (As)	[7440-38-2]	~0,0028	%		
	Calcium (Ca)	[7440-70-2]	0,28 ± 0,07	%		
	Cadmium (Cd)	[7440-43-9]	N/A	%		
	Magnesium (Mg)	[7439-95-4]	0,09 ± 0,01	%		
	Chromium (Cr)	[7440-47-3]	~0,0009	%		
	Potassium (K)	[7440-09-7]	0,09 ± 0,03	%		
	Molybdenum (Mo)	[7439-98-7]	~0,0006	%		
	Sodium (Na)	[7440-23-5]	(0,0082±0,0016)	%		
	Fluorine (F)	[7782-41-4]	(0,0006±0,0003)	%		
	Zinc (Zn)	[7440-66-6]	0,0029 ± 0,0005	%		
	Chlorine (Cl)	[7782-50-5]	0,0057 ± 0,0003	%		
	Potassium (K)	[7440-09-7]	0,062 ± 0,007	%		
	Mercury (Hg)	[7439-97-6]	0,0085 ± 0,0012	µg/g		
	Strontium (Sr)	[7440-24-6]	0,0006 ± 0,0001	%		
	Barium (Ba)	[7440-39-3]	(0,0011±0,0003)	%		
	Manganese (Mn)	[7439-96-5]	0,0055 ± 0,0010	%		