

EDX elemental composition and stoichiometric concentration of sugarcane bagasse Biopellets from all treatments

Element symbol	20-mesh particle size											
	B1R0			B1R1			B1R2			B1R3		
	Atomic Conc. (%)	Weight Conc. (%)	Stoich. Weight. Conc. (%)	Atomic Conc. (%)	Weight Conc. (%)	Stoich. Weight. Conc. (%)	Atomic Conc. (%)	Weight Conc. (%)	Stoich. Weight. Conc. (%)	Atomic Conc. (%)	Weight Conc. (%)	Stoich. Weight. Conc. (%)
C	55.34	46.97	89.32	55.028	46.879	90.81	50.913	42.492	86.14	58.03	50.214	93.17
O	41.936	47.411	-	42.628	48.374	-	45.577	50.669	-	40.002	46.106	-
Na	0.545	0.886	1.68	0.602	0.981	1.90	1.314	2.099	4.25	1.037	1.718	3.19
Al	-	-	-	-	-	-	-	-	-	-	-	-
Si	1.653	3.282	6.24	1.364	2.718	5.26	1.621	3.164	6.41	0.836	1.691	3.14
S	-	-	-	-	-	-	-	-	-	-	-	-
K	0.525	1.451	2.76	0.378	1.048	2.03	0.372	1.009	2.05	0.043	0.12	0.22
Ca	-	-	-	-	-	-	0.204	0.567	1.15	0.052	0.152	0.28
Zr	-	-	-	-	-	-	-	-	-	-	-	-
Fe	-	-	-	-	-	-	-	-	-	-	-	-

Element symbol	40-mesh particle size											
	B2R0			B2R1			B2R2			B2R3		
	Atomic Conc. (%)	Weight Conc. (%)	Stoich. Weight. Conc. (%)	Atomic Conc. (%)	Weight Conc. (%)	Stoich. Weight. Conc. (%)	Atomic Conc. (%)	Weight Conc. (%)	Stoich. Weight. Conc. (%)	Atomic Conc. (%)	Weight Conc. (%)	Stoich. Weight. Conc. (%)
C	55.317	47.673	95.98	55.496	47.136	92.78	51.194	42.814	86.44	64.658	55.772	90.64
O	43.842	50.329	-	43.484	49.197	-	45.307	50.471	-	33.48	38.468	-
Na	-	-	-	0.164	0.267	0.53	1.783	2.855	5.76	0.42	0.694	1.13
Al	-	-	-	-	-	-	0.213	0.401	0.81	-	-	-
Si	0.472	0.951	1.91	0.279	0.555	1.09	1.014	1.983	4.00	0.745	1.502	2.44
S	-	-	-	0.067	0.152	0.30	-	-	-	-	-	-
K	0.201	0.565	1.14	0.116	0.32	0.63	0.207	0.563	1.14	0.197	0.554	0.90
Ca	0.167	0.481	0.97	0.046	0.131	0.26	0.164	0.457	0.92	0.072	0.206	0.33
Zr	-	-	-	0.348	2.242	4.41	-	-	-	0.428	2.803	4.56
Fe	-	-	-	-	-	-	0.117	0.457	0.92	-	-	-