



Day	Chemical Compositions & Phases %																	Physical Test											Lab.Code			
	IR	SiO ₂	Al ₂ O ₃	Fe ₂ O ₃	CaO	MgO	SO ₂	K ₂ O	Na ₂ O	Cl	LOSS	C3S	C2S	C3A	C4AF	C4AF+2C3A	F.CaO	Fineness		Setting time		Soundness		Compressive Strength (MPa)						Bend Strength (MPa)		
																		Sieve 90 mic	Blaine (m ² /kg)	INIT (min)	FINAL (min)	LEACHTER (mm)	Auto Clave (%)	1 DAY	2 DAYS	3 DAYS	7 DAYS	28 DAYS		2 DAYS	3 DAYS	28 DAYS
13 S	0.63	21.09	4.56	3.70	63.91	1.40	2.73	0.60	0.69	0.018	1.34	56.2	18.1	5.8	11.3	22.9	1.20	1.3	308	135	185	1.2	0.14	-	23.3	26.9	35.7	45.4	4.2	5.1	7.8	I-CE-01-534
29 M	0.60	21.33	4.54	3.76	64.58	1.37	2.66	0.60	0.72	0.018	0.91	57.3	17.9	5.7	11.4	22.8	1.90	1.5	292	130	180	1.2	0.14	-	20.6	24.5	34.2	45.1	4.0	4.8	7.5	I-CE-01-561
Avr	0.62	21.21	4.55	3.73	64.25	1.39	2.70	0.60	0.71	0.018	1.13	56.8	18.0	5.7	11.4	22.8	1.55	1.4	300	133	183	1.2	0.14	-	22.0	25.7	35.0	45.3	4.1	5.0	7.7	-
Min	0.60	21.09	4.54	3.70	63.91	1.37	2.66	0.60	0.69	0.018	0.91	56.2	17.9	5.7	11.3	22.8	1.20	1.3	292	130	180	1.2	0.14	-	20.6	24.5	34.2	45.1	4.0	4.8	7.5	-
Max	0.63	21.33	4.56	3.76	64.58	1.40	2.73	0.60	0.72	0.018	1.34	57.3	18.1	5.8	11.4	22.9	1.90	1.5	308	135	185	1.2	0.14	-	23.3	26.9	35.7	45.4	4.2	5.1	7.8	-
S.D	0.02	0.17	0.01	0.04	0.47	0.02	0.05	0.00	0.02	0.000	0.30	0.81	0.13	0.11	0.13	0.09	0.49	0.14	11.31	3.54	3.54	0.00	0.00	-	1.9	1.7	1.1	0.2	0.1	0.2	0.2	-