

Sample Date	45µm	LOI	SO3	S	MgO	Fe2O3	Al2O3	Mn2O3	Total Alkali	Chloride	Insoluble residue	Relative density	Relative water	Strength Index
	%	%	%	%	%	%	%	%	NaEQ%	%	%		%	%
31-Jul-25	1.9	-0.8	1.8	0.8	5.0	0.49	13.80	0.24	0.4	0.005	0.1	2.90	103	117
30-Jun-25	2.0	-0.9	1.8	0.7	5.0	0.50	13.60	0.21	0.4	0.004	0.2	2.91	102	106
31-May-25	1.6	-0.7	1.8	0.7	5.2	0.58	13.40	0.22	0.4	0.004	0.2	2.90	101	109
30-Apr-25	3.0	-0.7	1.9	0.8	5.4	0.50	13.48	0.21	0.4	0.003	0.1	2.90	103	108
31-Mar-25	1.8	-0.8	1.5	0.8	5.4	0.50	13.48	0.20	0.4	0.005	0.4	2.89	104	106
28-Feb-25	2.6	-0.5	1.6	0.8	6.0	0.52	13.30	0.21	0.5	0.006	0.1	2.85	105	110
31-Jan-25	1.5	-0.5	2.0	0.8	6.9	0.41	13.40	0.23	0.5	0.001	0.2	2.81	102	107
31-Dec-24	2.3	-0.9	1.7	0.8	7.1	0.45	13.56	0.24	0.5	0.005	0.2	2.88	100	101
30-Nov-24	2.7	-0.6	1.6	0.8	6.9	0.50	13.37	0.24	0.5	0.004	0.5	2.87	100	111
20-Oct-24	2.1	-0.6	1.7	0.8	6.8	0.57	13.27	0.25	0.5	<0.001	0.3	2.90	102	106
15-Jul-24	1.8	-0.7	1.7	0.8	7.4	0.46	13.58	0.26	0.6	<0.001	0.2	2.88	101	107
19-Jun-24	1.6	-0.8	2.0	0.8	7.0	0.60	13.58	0.25	0.5	<0.001	0.3	2.89	101	101
22-May-24	1.6	-0.1	2.9	0.8	5.9	0.89	13.84	0.22	0.5	<0.001	0.8	2.89	104	105
18-Apr-24	3.1	-0.3	3.1	0.8	5.9	0.85	13.87	0.21	0.5	0.001	0.3	2.87	102	103
Mean	2.1	-0.6	1.9	0.8	6.1	0.6	13.5	0.2	0.5			2.88	102	107
StdDev	0.5	0.2	0.47	0.04	0.86	0.1	0.2	0.02	0.06			0.03	1.5	4
AS/NZS 3582.2:2016 Specifications				1.50% Max	15% Max		18% Max			0.10% Max				
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Nata Accreditation Numbers: 187, 188														
														
Dave Chater - Technical Manager					Issue Date: 19/09/2025					Report ID: HRC-ECO-CEM-112				