



Sample Date	45µm	LOI	Insoluble residue	SO <sub>3</sub>	S	MgO	Al <sub>2</sub> O <sub>3</sub>	FeO	MnO	Chloride	Total Alkali	Relative Density	Relative Water	Strength Index	
	%	%	%	%	%	%	%	%	%	%	NaEQ%		%	%	
07/02/2025	99	-1.0	< 0.5			5.3	14.8	0.50	0.20	<0.001	0.47	2.92	105	81	
17/01/2025	99	-1.2	0.1	< 0.5		5.8	14.7	0.70	0.20	<0.001	0.46	2.88	104	98	
17/12/2024	98	-1.3	0.2	< 0.5	1.0	5.5	14.9	0.60	0.20	<0.001	0.49	2.91	100	96	
19/11/2024	98	-1.2	0.4	< 0.5	1.0	6.4	14.7	0.80	0.30	0.005	0.46	2.89	101	94	
13/11/2024	98	-1.4	0.1	< 0.5	0.9	6.0	14.3	0.90	0.30	0.005	0.44	2.91	102	95	
16/09/2024	98	-1.3	0.7	< 0.5	1.0	7.8	12.7	1.60	0.20	<0.001	0.42	2.89	101	92	
05/09/2024	98	-1.2	1.1	< 0.5	1.0	7.9	12.9	1.20	0.20	<0.001	0.41	2.90	101	94	
04/07/2024	98	-1.4	0.2	< 0.5	1.0	8.0	12.8	1.70	0.20	<0.001	0.42	2.91	101	89	
28/07/2024	96	-1.2	0.2	< 0.5	1.0	7.9	12.9	1.30	0.20	<0.001	0.39	2.92	101	92	
21/07/2024	98	-1.2	0.2	< 0.5	1.0	8.0	12.8	1.10	0.20	<0.001	0.40	2.91	101	90	
Mean	98	-1.2	0.3		1.0	6.9	13.8	1.0	0.2		0.44	2.90	102	92	
StdDev	0.8	0.1	0.3		0.05	1.2	1.0	0.4	0.0		0.03	0.01	2	5	
AS/NZS 3582.2:2016 Specifications					1.50% Max	15% Max	18% Max				0.10% Max				
Holcim New Zealand is registered for the production & distribution of cement in accordance with ISO 9001:2015. Holcim GGBFS is tested in accordance with AS/NZS3582.2:2016. Samples tested as received. This Test Report may not be reproduced except in full.															
Cement Australia, Nata Accreditation Numbers: 187, 188 Darra, Brisbane, Australia															

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Issue Date:

04-Apr-25

Report ID:

ENVIROCORE\_100\_250404