



Ship Arrival Date	Shipment #	Sampled at	Moisture %	LOI %	45µm %	SO ₃ %	Relative Density	Relative Water %	Strength Index % 7 day Accelerated	Total Alkali % NaEQ	Chloride %	Chemical Composition %	Source	Grade		
														S	1	2
11/03/2024	SP462	AKL	0.1	1.8	94	0.2	2.29	94		1.55	<0.002	90.7	Hokkaido, Japan			
21/02/2024	SP461	LYT	0.1	1.7	94	0.1	2.31	94	102	1.56	<0.002	90.2	Hokkaido, Japan			✓
14/02/2024	SP458	BLU	0.1	1.1	97	0.2	2.35	94	115	2.01	<0.002	89.2	Hokkaido, Japan	✓		✓
3/01/2024	SP457	AKL	0.1	1.3	96	0.2	2.35	94	113	1.93	<0.002	89.1	Hokkaido, Japan	✓		✓
3/01/2024	SP454	BLU	0.1	1.7	95	0.1	2.26	94	104	1.55	<0.002	91.3	Hokkaido, Japan			✓
15/12/2023	SP453	BLU	0.1	1.9	93	0.1	2.24	94	102	1.45	<0.002	92.0	Hokkaido, Japan			✓
6/12/2023	SP455	LYT	0.1	1.7	94	0.1	2.26	94	106	1.53	0.002	91.6	Hokkaido, Japan	✓		✓
15/09/2023	SP446	AKL	0.1	0.6	67	<0.1	2.04	92	103	0.47	0.002	97.2	Hokkaido, Japan			✓
15/08/2023	SP438	LYT	0.1	2	93	0.1	2.24	93	105	1.43	<0.002	90.9	Hokkaido, Japan	✓		✓
Mean			0.1	1.5	91.4	0.1	2.26	94	106	1.50	0.002	91.3				
StdDev			0.0	0.4	9.2	0.1	0.09	0.68	5.0	0.4	0.0	2.4				
AS/NZS	Special		0.5	3.0	85	3.0			105		0.1	60				
3582.1:2016	Grade 1		0.5	4.0	75	3.0			75		0.1	60				
Specifications	Grade 2		0.5	6.0	55	3.0			-		0.1	60				
			max	max	min	max			min		max	min				

SiO₂ + Al₂O₃ + Fe₂O₃

Holcim New Zealand is registered for the production & distribution of cement in accordance with ISO 9001:2015. Holcim Fly Ash is tested in accordance with AS/NZS3582.1:2016. 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: 28-Mar-24
Report ID: 24FA2SP462