

SILICA FUME



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Test Certificate for Silica Fume: Silica Fume Supplied to Market 10kg Bags December 2024

Test Report No. 25#39

Sampling location *GB Mount Maunganui Service Centre, NZ*
Sample date *11/12/24*
Origin of Silica Fume *Qinghai Province, China.*
Physical form *Fine Grey Powder*
Grade *Densified*

Sample Batch identification: Batch 491788 10kg Bags

Property	Result	Test Method	AS/NZS 3582.3 Requirements	Testing Authority
Moisture %	0.43	AS 3583.2	3.0 max	GB Portland
Loss on Ignition %	1.37	AS 3583.3	6.0 max	GB Portland
SO ₃ %	0.20	AS 3583.8	3.0 max	Cement Australia
SiO ₂ %	95.10	XRF	> 85	Cement Australia
Total Alkali Content (Na ₂ O equiv.) %	1.05	XRF	-	Cement Australia
Chloride Ion %	0.240	AS 3583.13	-	Cement Australia
Surface Area BET m ² /g	n/a	BET ASTM C1069	-	GB Portland
Strength Index %	134	ASTM C1240	-	Cement Australia

Note: The above samples were tested as received in accordance with methods stated in the AS/NZS 3582.3.

Note: GB Portland is not IANZ Accredited for the BET Surface Area test.

A handwritten signature in blue ink, appearing to read "V. Lane".

Date: 7/04/2025

Vincent Lane
Works Chemist
Golden Bay

