

SILICA FUME



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Test Certificate for Silica Fume: Silica Fume Supplied to Market 10kg Bags October 2025

Test Report No. 26#72 - Interim

Sampling location *GB Mount Maunganui Service Centre, NZ*
Sample date *15/10/25*
Origin of Silica Fume *Qinghai Province, China.*
Physical form *Fine Grey Powder*
Grade *Densified*

Sample Batch identification: **Batch 501956 10kg Bags**

Property	Result	Test Method	AS/NZS 3582.3 Requirements	Testing Authority
Moisture %	0.56	AS 3583.2	3.0 max	GB Portland
Loss on Ignition %	2.84	AS 3583.3	6.0 max	GB Portland
SO ₃ %	0.50	AS 3583.8	3.0 max	Cement Australia
SiO ₂ %	92.80	XRF	> 85	Cement Australia
Total Alkali Content (Na ₂ O equiv.) %	0.93	XRF	-	Cement Australia
Chloride Ion %	0.520	AS 3583.13	-	Cement Australia
Surface Area BET m ² /g	n/a	BET ASTM C1069	-	GB Portland
Strength Index %	106	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 black ink, appearing to read "Marley Korach-Salt".



Date: 04/06/2026

Marley Korach-Salt
Chemical Technician
Golden Bay