

Karoon Cement co
Qualiti Control Test Report
Product Name: Clinker SRC

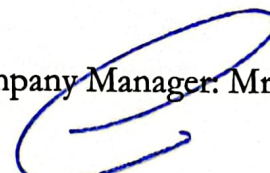
Date: 2025-02-11

Test Parameters			Method	Result	Product Range
Loss on Ignition	LOI	%	ISIRI 1692	0.2	max 0.5
Silicon Dioxide	Sio2	%	" "	21.2	*
Aluminium Oxide	AL2O3	%	" "	4.3	*
Ferric Oxide	Fe2O3	%	" "	5.16	*
Calcium Oxide	CaO	%	" "	64.8	64.3 ± 0.5
Magnesium Oxide	MgO	%	" "	3.02	max 3.2
Sulfur Trioxide	So3	%	" "	0.6	*
Equivalent alkali	A.E		" "	0.9	*
Insoluble Residue	IR	%	ISIRI 1692	0.1	*
Free Cao	F.CaO	%	ISO774	0.9	0.7 ± 0.5
Lime Saturatinon Factor	L S F	%	Bouge Method	94.7	93 ± 2
Silica ration	SIM	%	" "	2.26	*
Alumina ration	ALM	%	" "	0.83	*
Tricalcium Silicate	C3S	%	" "	62.99	57 ± 2
Dicalcium Silicate	C2S	%	" "	14.08	*
Tricalcium Aluminate	C3A	%	" "	2.66	3 ± 1
Calcium Alumino Ferrite	C4AF	%	" "	15.7	-

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