

Cement Test Certificate

Ref: AYCC/QC/Spec/EN/SR3/42.5/04

Brand Name: Hadhramout Cement

Manufacturing Date: (01-31)/05/2026

Type: Sulphate Resisting Cement

Date of Issue: 18/06/2026

Code: EN 197-1 : 2011 CEM I 42.5 N -SR3

Chemical Tests	Unite	Typical Analysis	Standard Requirements	
			Min.	Max.
Silicon dioxide (SiO ₂)	%	20.72	-	-
Aluminum Oxide (Al ₂ O ₃)	%	4.26	-	-
Ferric Oxide (Fe ₂ O ₃)	%	5.33	-	-
Calcium Oxide (CaO)	%	65.36	-	-
Magnesium Oxide (MgO)	%	1.20	-	-
Potassium Oxide (K ₂ O)	%	0.14	-	-
Sodium Oxide (Na ₂ O)	%	0.16	-	-
Sulphuric anhydride (SO ₃)	%	2.10	-	3.0
Chloride (Cl)	%	0.00	-	0.10
Alkalies Eq.as (Na ₂ O)	%	0.25	-	-
Loss on Ignition (L.O.I.)	%	3.00	-	5.0
Insoluble Residue (I.R.)	%	0.80	-	5.0
Tricalcium Aluminate (C ₃ A)	%	2.27	-	3.0
Tetracalciumaluminoferrite (C ₄ AF)	%	16.22	-	-

Physical Tests	Unite	Typical Analysis	Standard Requirements	
			Min.	Max.
Fineness, Specific surface	Blaine	M ² /kg	≥330	-
Setting Time	Initial	Minutes	246	60
	Final	Minutes	320	-
Soundness	Le Chatelier	mm	0.50	10
Compressive Strength	2 Days	MPa	>13.0	10
	7 Days	MPa	> 24.0	-
	28 Days	MPa	> 43.00	42.5 62.5

Cement conforms to all requirements of (EN 197-1: 2011 CEM I 42.5 N -SR3) standers at the time of dispatch.

Quality Control Manager

