

An independent testing laboratory specialising in the testing of cementitious materials

1175

PREPARED FOR TITAN CEMENT Ltd. HULL

REPORT REFERENCE	Titan	96
CLIENT REFERENCE	CHEMISTRY	2021
SHIP REFERENCE	"14-21	
SAMPLE	ORDINARY PORTLAND CEMENT	
DATE OF RECEIPT OF SAMPLE	14-Dec-21	
DATE OF TESTS	14-Dec-21	to 11-Jan-22
DATE OF REPORT	11-Jan-22	

ALL RESULTS RELATE ONLY TO SAMPLE TESTED CHEMICAL COMPOSITION :- by mass, as received

IR	0.62 %	(BSEN 196-6:2010)
SO ³	2.49 %	(BSEN 196-3:2016)
LOI	2.24 %	(BSEN 196-3:2016)
K ₂ O	0.57 %	(BSEN 196-3:2016)
Na ₂ O	0.18 %	(BSEN 196-3:2016)
Na ₂ O (eq)	0.56 %	(BSEN 196-3:2016)
Chloride	0.01 %	(BSEN 196-3:2016)

The following results are not covered by the laboratory's UKAS Schedule and were determined by xrf.

SiO ₂	20.94 MPa	By XRF
Al ₂ O ₃	5.17 MPa	By XRF
Fe ₂ O ₃	4.09 MPa	By XRF
CaO	63.8 MPa	By XRF
MgO	1.28 MPa	By XRF

The following results are not UKAS accredited:-

L.S.F.	0.92 %
C ₃ A	6.79 %
C ₃ S	45.23 %
C ₂ S	25.92 %
C ₄ AF	12.43 %
Free Lime	1.90 %

END OF REPORT

SIGNED:



Certificate signed by:

✓ S. Burton A.M.I.C.T
Technical Manager

J.M. Burton
Quality Manager