

An independent testing laboratory specialising in the testing of cementitious materials

1175

PREPARED FOR TITAN CEMENT Ltd. HULL

REPORT REFERENCE	Titan	100
CLIENT REFERENCE	CHEMISTRY	2022
SHIP REFERENCE	"4-22"	
SAMPLE	ORDINARY PORTLAND CEMENT	
DATE OF RECEIPT OF SAMPLE	5-Apr-22	
DATE OF TESTS	5-Apr-22	to 3-May-22
DATE OF REPORT	3-May-22	

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

IR	0.37 %	(BSEN 196-6:2010)
SO ³	3.06 %	(BSEN 196-3:2016)
LOI	2.30 %	(BSEN 196-3:2016)
K ₂ O	0.56 %	(BSEN 196-3:2016)
Na ₂ O	0.20 %	(BSEN 196-3:2016)
Na ₂ O (eq)	0.57 %	(BSEN 196-3:2016)
Chloride	0.03 %	(BSEN 196-3:2016)

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

SiO ₂	19.00 MPa	By XRF
Al ₂ O ₃	4.31 MPa	By XRF
Fe ₂ O ₃	3.40 MPa	By XRF
CaO	63.2 MPa	By XRF
MgO	2.30 MPa	By XRF

The following results are not UKAS accredited:-

L.S.F.	1.01 %
C ₃ A	5.68 %
C ₃ S	63.60 %
C ₂ S	6.50 %
C ₄ AF	10.34 %
Free Lime	1.69 %

END OF REPORT

SIGNED:



Certificate signed by:

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

J.M. Burton
Quality Manager