

An independent testing laboratory specialising in the testing of cementitious materials

1175

PREPARED FOR TITAN CEMENT Ltd. HULL

REPORT REFERENCE	Titan	107
CLIENT REFERENCE	CHEMISTRY	2022
SHIP REFERENCE	"10-22"	
SAMPLE	ORDINARY PORTLAND CEMENT	
DATE OF RECEIPT OF SAMPLE	27-Sep-22	
DATE OF TESTS	27-Sep-22	to 25-Oct-22
DATE OF REPORT	1-Nov-22	

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

IR	0.79 %	(BSEN 196-6:2010)
SO ³	2.95 %	(BSEN 196-3:2016)
LOI	2.26 %	(BSEN 196-3:2016)
K ₂ O	0.48 %	(BSEN 196-3:2016)
Na ₂ O	0.15 %	(BSEN 196-3:2016)
Na ₂ O (eq)	0.47 %	(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	18.61 MPa	By XRF
Al ₂ O ₃	3.94 MPa	By XRF
Fe ₂ O ₃	4.05 MPa	By XRF
CaO	62.9 MPa	By XRF
MgO	0.84 MPa	By XRF

The following results are not UKAS accredited:-

L.S.F.	1.02 %
C ₃ A	3.60 %
C ₃ S	66.12 %
C ₂ S	3.49 %
C ₄ AF	12.31 %
Free Lime	1.94 %

END OF REPORT

SIGNED:



Certificate signed by:

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

J.M. Burton
Quality Manager