

An independent testing laboratory specialising in the testing of cementitious materials

1175

PREPARED FOR TITAN CEMENT Ltd. HULL

REPORT REFERENCE	Titan	99
CLIENT REFERENCE	CHEMISTRY	2022
SHIP REFERENCE	"3-22"	
SAMPLE	ORDINARY PORTLAND CEMENT	
DATE OF RECEIPT OF SAMPLE	15-Mar-22	
DATE OF TESTS	15-Mar-22	to 12-Apr-22
DATE OF REPORT	12-Apr-22	

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

IR	0.50 %	(BSEN 196-6:2010)
SO ³	2.88 %	(BSEN 196-3:2016)
LOI	2.22 %	(BSEN 196-3:2016)
K ₂ O	0.58 %	(BSEN 196-3:2016)
Na ₂ O	0.21 %	(BSEN 196-3:2016)
Na ₂ O (eq)	0.59 %	(BSEN 196-3:2016)
Chloride	0.05 %	(BSEN 196-3:2016)

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

SiO ₂	19.29 MPa	By XRF
Al ₂ O ₃	4.18 MPa	By XRF
Fe ₂ O ₃	4.12 MPa	By XRF
CaO	63.9 MPa	By XRF
MgO	0.94 MPa	By XRF

The following results are not UKAS accredited:-

L.S.F.	1.00 %
C ₃ A	4.11 %
C ₃ S	64.49 %
C ₂ S	6.67 %
C ₄ AF	12.52 %
Free Lime	1.66 %

END OF REPORT

SIGNED:



Certificate signed by:

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

J.M. Burton
Quality Manager