

An independent testing laboratory specialising in the testing of cementitious materials

PREPARED FOR TITAN CEMENT Ltd. HULL

REPORT REFERENCE	Titan	148
CLIENT REFERENCE	CHEMISTRY	2026
SHIP REFERENCE	"1-26	
SAMPLE	ORDINARY PORTLAND CEMENT	
DATE OF RECEIPT OF SAMPLE	17-Feb-26	
DATE OF TESTS	17-Feb-26	to 17-Mar-26
DATE OF REPORT	24-Mar-26	

ALL RESULTS ARE BASED ON SAMPLE RECEIVED FROM THE CLIENT: TESTED AS RECEIVED.

CHEMICAL COMPOSITION :- by mass, as received

IR	0.54 %	(BSEN 196-6:2010)
SO ³	3.14 %	(BSEN 196-3:2016)
LOI	2.68 %	(BSEN 196-3:2016)
K ₂ O	0.49 %	(BSEN 196-3:2016)
Na ₂ O	0.26 %	(BSEN 196-3:2016)
Na ₂ O (eq)	0.58 %	(BSEN 196-3:2016)
Chloride	0.07 %	(BSEN 196-3:2016)

The following results are determined by XRF by an outside accredited laboratory.

SiO ₂	19.92	By XRF
Al ₂ O ₃	4.35	By XRF
Fe ₂ O ₃	4.15	By XRF
CaO	63.9	By XRF
MgO	2.51	By XRF

The following results are not UKAS accredited:-

L.S.F.	0.97 %
C ₃ A	4.51 %
C ₃ S	56.72 %
C ₂ S	14.34 %
C ₄ AF	12.62 %
Free Lime	1.93 %

END OF REPORT

SIGNED:



Certificate signed by:

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

J.M. Burton
Quality Manager