

An independent testing laboratory specialising in the testing of cementitious materials

PREPARED FOR TITAN CEMENT Ltd. HULL

REPORT REFERENCE	Titan	147
CLIENT REFERENCE	CHEMISTRY	2025
SHIP REFERENCE	"11-25	
SAMPLE	ORDINARY PORTLAND CEMENT	
DATE OF RECEIPT OF SAMPLE	11-Dec-25	
DATE OF TESTS	11-Dec-25	to 8-Jan-26
DATE OF REPORT	12-Feb-26	

ALL RESULTS ARE BASED ON SAMPLE RECEIVED FROM THE CLIENT: TESTED AS RECEIVED.
CHEMICAL COMPOSITION :- by mass, as received

IR	0.34 %	(BSEN 196-6:2010)
SO ³	3.15 %	(BSEN 196-3:2016)
LOI	2.96 %	(BSEN 196-3:2016)
K ₂ O	0.46 %	(BSEN 196-3:2016)
Na ₂ O	0.28 %	(BSEN 196-3:2016)
Na ₂ O (eq)	0.58 %	(BSEN 196-3:2016)
Chloride	0.03 %	(BSEN 196-3:2016)

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

SiO ₂	19.98	By XRF
Al ₂ O ₃	4.42	By XRF
Fe ₂ O ₃	4.11	By XRF
CaO	63.0	By XRF
MgO	2.48	By XRF

The following results are not UKAS accredited:-

L.S.F.	0.95 %
C ₃ A	4.77 %
C ₃ S	51.22 %
C ₂ S	18.65 %
C ₄ AF	12.49 %
Free Lime	2.16 %

END OF REPORT

SIGNED:



Certificate signed by:

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

J.M. Burton
Quality Manager