

An independent testing laboratory specialising in the testing of cementitious materials

PREPARED FOR TITAN CEMENT Ltd. HULL

| | | |
|---------------------------|--------------------------|-------------|
| REPORT REFERENCE | Titan | 149 |
| CLIENT REFERENCE | CHEMISTRY | 2026 |
| SHIP REFERENCE | "2-26 | |
| SAMPLE | ORDINARY PORTLAND CEMENT | |
| DATE OF RECEIPT OF SAMPLE | 4-Mar-26 | |
| DATE OF TESTS | 4-Mar-26 | to 1-Apr-26 |
| DATE OF REPORT | 20-Apr-26 | |

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

CHEMICAL COMPOSITION :- by mass, as received

| | | |
|------------------------|--------|--------------------|
| IR | 0.20 % | (BSEN 196-6:2010) |
| SO ³ | 3.26 % | (BSEN 196-3:2016) |
| LOI | 2.59 % | (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 | 0.02 % | (BSEN 196-3:2016) |

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

| | | |
|--------------------------------|-------|--------|
| SiO ₂ | 18.68 | By XRF |
| Al ₂ O ₃ | 4.31 | By XRF |
| Fe ₂ O ₃ | 4.40 | By XRF |
| CaO | 62.0 | By XRF |
| MgO | 2.37 | By XRF |

The following results are not UKAS accredited:-

| | |
|-------------------|---------|
| L.S.F. | 0.99 % |
| C ₃ A | 3.99 % |
| C ₃ S | 60.58 % |
| C ₂ S | 7.86 % |
| C ₄ AF | 13.38 % |
| Free Lime | 1.29 % |

END OF REPORT

SIGNED:



Certificate signed by:

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

J.M. Burton
Quality Manager