

SHRI DWARKADHISH TESTING LABS & RESEARCH CONSULTANCY

(NABL Accredited Laboratory) TC-7017

All Type of Soil, Building & Highway Construction Material Testing & Consultancy Services

TEST REPORT

Report No.:- 226 B/25	Booking No.:- 185 A/25
Date of sample Received:- 20/06/2025	Date of Issue:- 22/07/2025
Name and Address of Customer:- Executive Engineer, C.D.-II (A.D.B.), P.W.D., Nainital.	
Name of Work:- Khand ke antargat Ramnagar Kaladhungi Chorgaliya Sitarganj Bijti ke Km. 82 mein Sher Naala mein 120meter span double lane R.C.C. Pre-Stress Concrete setu ka nirmaan karya.	
Agreement No. 08/Uprepare/13/BRR/RFB/UGIDP Dated- 03/07/2024	
Customer Ref No.:- 371/U. Prepare	Dated:- 19/06/2025
Name of Sample:- Cement 'Ultratech' OPC 43 Grade	Condition of sample:- Sealed
Test Start Date:- 25/06/2025	Test Completion Date:- 22/07/2025
Discipline:- Mechanical	Group:- Building Material

TESTING DETAIL

Sr. No.	Test Parameter	Results	Requirement as per IS:269 2015 Table No. 3	Method Used
1.	Fineness by Sieving (%)	5.20%	10% max	IS:4031(P-1) 1996
2.	Soundness (mm)	1.90mm	10mm	IS:4031(P3) 1988
3.	Consistency of Cement (%)	31%	NA	IS:4031(P-4) 1988
4.	Time of setting allowable deviation from control Sample, Hours a) Initial Setting time, minute (Min.) b) Final Setting time, minute (Max.)	150 Minutes 265 Minutes	30 Min. 600 Max.	IS:4031(P-5) 2019
5.	Compressive Strength, % of Control, Min.(Mpa) a) 3 Days b) 7 Days c) 28 Days	24.15N/mm ² 34.44N/mm ² 44.14N/mm ²	23 N/mm ² Min. 33 N/mm ² Min. 43 N/mm ² Min.	IS:4031(P-6) 1988

- Note:
1. Test result is based on the sample received by our laboratory.
 2. Test result relates only to the item tested.
 3. The report cannot be used for legal purpose without written approval of the lab.

*****End of Report*****

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HO.: Mitra Colony, Mukhani, Haldwani, Nr Sai Hospital, Haldwani, UK 263139
Lab: Village Jaipur Padli, Nr Chardham Mandir, Fatehpur, Haldwani, UK 263139

Website: www.sdtlrc.co.in

dworkadhish.labs@gmail.com

Mob: +91 9250101111



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