



NBML BUILDING MATERIALS TESTING LAB LLP

& steel's testing laboratory

APPROVED BY BUREAU OF INDIAN STANDARDS (BIS)

(ISO 9001:2015, ISO : 14001:2015, ISO : 45001:2018 CERTIFIED LAB)

TEST REPORT

To,
M/s Nagesh Trading,
(GST NO.-22IWYPS6635D1ZV) Durg CG.

TR No. :- NBML-CHEM-NN-1070-2026
Date of Issue :- 04.08.2026
Page No. :- 01 of 01



Samples Description :- Fly Ash Customer Ref. No. :- Nil
No. of Samples :- 1 Nos.- 250 gm Lab Reference No. :- SRAF No. NBML/NN-1070/2026,
Date of Samples Received :- 28.07.2026 Dated : 28.07.2026
Test Method :- IS:1727
Test Carried out on :- 29.07.2026 to 03.08.2026

CHEMICAL ANALYSIS :-

Sr.No	Test Parameters	Test Method	Results % by mass	Requirments as per IS:3812 (P1)-2013
1	Silicon dioxide(SiO ₂) Plus aluminium oxide (Al ₂ O ₃) plus iron oxide (Fe ₂ O ₃) in percent by mass	IS:1727	93.08	70% Min.
2	Silicon dioxide (SiO ₂) in percent by mass	IS:1727	51.08	35% Min.
3	Aluminium oxide (Al ₂ O ₃) in percent by mass	IS:1727	24.15	-
4	Magnesium oxide (MgO) in percent by mass	IS:1727	1.22	5.0% Max.
5	Calcium oxide (CaO) in percent by mass	IS:1727	3.40	-
6	Total sulphur as sulphur trioxide (SO ₃) in percent by mass	IS:1727	1.83	3.0% Max.
7	Loss of ignition in percent by mass	IS:1727	0.74	5.0% Max.
8	Available alkalis as equivalent sodium oxide (Na ₂ O) in percent by mass	IS:3812	0.98	1.5 % Max.

***** End of the Test Report *****

Checked by



Authorised Signatory
Alish Thakur
Technical Manager

BIS CERTIFIED LABORATORY APPROVED BY GOVT. OF INDIA

Conditions :

1. The Result listed refer only to tested samples & applicable parameter Endorsement of product is neither interred nor implied. 2. The use of report for arbitration, publicity & evidence in legal dispute is forbidden except with prior written consent NBML Lab. 3. All disputes are subject to Raipur jurisdiction 7 days correction to this report invalidates this report. 4. Sample will be destroyed after 30-days from the date of test report unless otherwise Specified.

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