

**Laboratory** Chemical Laboratory, Analab (India) Private Limited, P-8, Kasba Industrial Estate, Phase-III, Kolkata, West Bengal

**Accreditation Standard** ISO/IEC 17025: 2005

**Discipline** Chemical Testing **Issue Date** 09.03.2015

**Certificate Number** T-2480 **Valid Until** 08.03.2017

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| S.No.                         | Product / Material of Test | Specific Test Performed        | Test Method Specification against which tests are performed | Range of Testing / Limits of Detection |
|-------------------------------|----------------------------|--------------------------------|---|--|
| <b>I. ORES &amp; MINERALS</b> |                            |                                |   |  |
| 1.                            | Limestone & Dolomite       | SiO <sub>2</sub>               | IS 1760 (Part 2): 1991<br>ANALAB/XRF/01/2013                | 0.5 % to 40 %<br>0.5 % to 27 %         |
|                               |                            | Al <sub>2</sub> O <sub>3</sub> | IS 1760 (Part 3): 1992<br>ANALAB/XRF/01/2013                | 0.01 % to 10 %<br>0.1 % to 5 %         |
|                               |                            | Fe <sub>2</sub> O <sub>3</sub> | ANALAB/XRF/01/2013  | 0.5 % to 2.3 %                         |
|                               |                            | CaO                            | IS 1760 (Part 3): 1992<br>ANALAB/XRF/01/2013                | 5 % to 56 %<br>30 % to 50 %            |
|                               |                            | MgO                            | IS 1760 (Part 3): 1992<br>ANALAB/XRF/01/2013                | 0.1 % to 35 %<br>1 % to 20 %           |
|                               |                            | SO <sub>3</sub>                | ANALAB/XRF/01/2013  | 0.02 % to 1 %                          |
|                               |                            | Na <sub>2</sub> O              | ANALAB/XRF/01/2013  | 0.05 % to 0.2 %                        |
|                               |                            | K <sub>2</sub> O               | ANALAB/XRF/01/2013  | 0.3 % to 1.3 %                         |
|                               |                            | LOI                            | IS 1760 (Part 1): 1991                                      | 5 % to 44 %                            |

-X-X-X-X-X-X-X-X-X-X-X-X-