

# Central Quality Laboratory

ISO 9001:2015    ISO 14001:2015    ISO 45001:2018    ISO 50001: 2018

## Integrated Lime Plant

Subaan Lime Private Limited  
Village Berathal,, Tehsil Khimsar, Rajasthan – 341025, India

### Certificate of Typical Analysis

#### Product : MWPure ( Premium)

**A. Chemical Analysis ( Indicative Range\*)**

1. CaO ( Calcium Oxide )  $\geq 53 \%$
2. MgO ( Magnesium Oxide)  $\leq 2\%$
3. TC (Total Carbonate)  $\geq 98 \%$
4. LOI (Loss of Ignition)  $\geq 43 \%$
5. AI (Acid Insoluble)  $\leq 1.5\%$

**B. Size \*\***

1. 45 mm -100 mm
2. 30 mm- 45 mm
3. 10mm-30 mm

#### Product : MWPure ( Standard )

**A. Chemical Analysis ( Indicative Range\*)**

1. CaO ( Calcium Oxide )  $\geq 52 \%$
2. MgO ( Magnesium Oxide)  $\leq 2.5\%$
3. TC (Total Carbonate)  $\geq 97 \%$
4. LOI (Loss of Ignition)  $\geq 42 \%$
5. AI (Acid Insoluble)  $\leq 2\%$

**B. Size \*\***

1. 45 mm -100 mm
2. 30 mm- 45 mm
3. 10mm-30 mm

\* Indicative chemical ranges are maintained through selective mining, beneficiation and controlled mineral processing. Final specifications can be aligned within agreed limits based on customer-specific calcination reactivity, lime quality and chemical process requirements.

\*\* Stated size ranges represent standard being supplied . Tailored size , top-cut, bottom cut can be provided to align with specific kiln design, reaction kinetics, process control requirement and handling systems.

**Approved by – Head Quality**