

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 : SinterPure

A. Chemical Analysis (Indicative Range*)

1. CaO (Calcium Oxide)= 52% to 54 %
2. MgO (Magnesium Oxide) = 0.8% to 2 %
3. SiO₂ (Silica) =0.5 to 2 %
4. Al₂O₃(Alumina) = 0.3 to 1 %
5. LOI (Loss of Ignition) ≥ 42 %
6. R₂O₃ (Iron & Aluminium Oxides)≤ 1%

B. Size : 0.0 mm -6/8/10 mm **

C. Particle Size Distribution***

1. +6 mm = Nil
2. 3.0 to 6 mm=15 % Max
3. 0.15 mm to 3 mm =75 % Min
4. -0.15 mm =10% Max

* Stable chemical ranges are ensured through integrated mine-to-plant process control and quality assurance systems. Final parameters can be optimised in line with sinter plant-specific requirement

**Nominal size range represents typical supply windows. Final top-cut and size band can be customised as per sinter strand and raw mix requirements.

*** Particle size distribution is indicative of standard production control. Target fractions may be optimised to suit bed permeability, sinter strength and plant-specific process performance.

Approved by – Head Quality