

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 : Base Pure

A. Chemical Analysis (Indicative Range*)

1. CaO (Calcium Oxide) ≥ 50 %
2. Fe₂O₃ (Ferric Oxide) ≤ 0.10 %
3. MgO (Magnesium Oxide) ≤ 3 %
4. SiO₂ (Silica) ≤ 4 %

A. Size**

1. 1 mm – 2.0 mm
2. 1.5 mm -2.5 mm
3. Custom size as per customer requirement

B. Particle Size Distribution***

1. **Oversize (> Top cut)** – Nil / Trace
2. **Coarse fraction** – Controlled
3. **Functional size band**– Predominant
4. **Ultrafines** – Controlled / Limited
5. Narrow particle size distribution for efficient batching
6. Custom PSD aligned to furnace and batching systems

* Chemical ranges represent controlled production capability and may be aligned with glass chemistry and process requirements.

** Nominal size is indicative of supply capability and can be customised for batching and furnace feeding systems.

*** PSD reflects controlled production range and may be adjusted for batching efficiency and melting performance.

Approved by – Head Quality