

JMitraSorb IP/USP Medical Grade & Non Medical Grade Soda Lime



Pink to White / White to Violet indicating / Without Indicator

Applications

Soda Lime IP/USP medical grade is used for the removal of carbon dioxide in breathing systems. The main ingredients are Calcium Hydroxide, Sodium Hydroxide and Indicator.

Particle Size :

As per IP / USP the size of Soda Lime is 2mm to 8mm.

Hardness:

As per IP/USP the hardness of Soda Lime is 90% to 97%

pH :

12 - 14



White to Violet



Pink to White

Carbon Dioxide Absorption

Soda Lime IP/USP absorb CO₂ above 20% of its weight.

Granules Colour Changes

Soda Lime IP/USP contains a colour indicator which changes the colour of granules when CO₂ is absorbed: -

1. Pink granules change to white.
2. White granules change to violet.

Composition

Calcium Hydroxide : 80% - 85%

Sodium Hydroxide : 2% - 3%

Moisture Content : 13% - 19%

Availability

Soda Lime IP/USP is available in 20kg, 5kg, 3kg, 2kg, 1kg Jars. Other options are available upon request.

Quality

All Batches of our product undergo stringent testing to ensure conformation according to the specification. Soda Lime is manufactured under ISO 9001:2015 and IP/USP.

Uses

1. Used for the laboratory preparation of methane gas. Methane gas is produced when Soda Lime reacts with anhydrous sodium acetate
2. Used as a drying agent in hospitals in closed circuit apparatus to absorb carbon dioxide.
3. Used in mines and ships for absorption of carbon dioxide.

Manufactured by :



J. Mitra & Bros.



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ISO 9001:2015

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