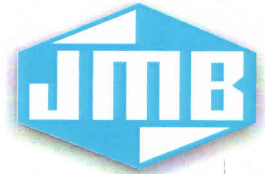


# J. Mitra & Bros. IP/USP Medical Grade & Non Medical Grade Soda Lime



Pink to White / White to Violet indicating

### Applications

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

### Particle Size :

As per IP / USP the size of Soda Lime is 2.8mm to 8mm.

### Hardness:

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



White to Violet



Pink to White

### Carbon Dioxide Absorption

Soda Lime IP/USP absorb CO<sub>2</sub> above 20% of its weight.

### Granules Colour Changes

Soda Lime IP/USP contains a colour indicator which changes the colour of granules when CO<sub>2</sub> 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, 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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