

# ALTO

**COMPATIBLE WITH GE™  
CARESTATION™ 600 SERIES, 700  
SERIES AND 850 ANESTHESIA  
DELIVERY SYSTEMS**

## DESCRIPTION

Medical grade soda lime packaged in a disposable absorber designed for clinical use in closed anesthesia circuits.

## APPLICATIONS

Sofnolime, Sodasorb and Sodasorb LF medical grade soda lime is used for the removal of carbon dioxide in breathing systems where the pressure-drop must be negligible. The main component is Calcium Hydroxide.

## LOW FLOW APPLICATIONS

Sodasorb LF eliminates the potential for Compound A and Carbon Monoxide formation when used with volatile anesthetics under clinical conditions. Its low alkali formulation makes Sodasorb LF ideal for areas where disposal of spent product is a concern.

## COLOR INDICATOR

Sodasorb and Sofnolime contain a color indicator that changes the granules from white to violet when carbon dioxide is absorbed.

## PERMANENT COLOR CHANGE

Sodasorb LF contains a permanent color indicator that changes the granules from white to violet when carbon dioxide is absorbed.



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## TYPICAL PERFORMANCE

| Composition              | % | Sofnolime | Sodasorb | Sodasorb LF |
|--------------------------|---|-----------|----------|-------------|
| Moisture Content         | % | 12-19     | 12-19    | 11-16       |
| Total Alkali Metal       | % | 4 Max     | 4 Max    | <1          |
| Calcium Hydroxide        | % | Balance   | Balance  | Balance     |
| CO <sub>2</sub> Activity | % | 19 Min    | 19 Min   | 21 Min      |
| USP Hardness             | % | 90 Min    | 89 Min   | 88 Min      |
| Larger than 5/16:        | % | 0%        |          |             |
| Between #4 and #10 sieve | % | 76.8 Min  |          |             |
| Smaller than #40 sieve   | % | 1.2 Max   |          |             |
| Max retained on 4 mesh   | % |           | 7        | 7           |
| Max through 8 mesh       | % |           | 15       | 15          |

## QUALITY

Molecular Products Group's aim is to manufacture chemical products which satisfy completely the needs of our customers. All products are rigorously tested to ensure conformance to the specification and our activities comply to the requirements of ISO 9001. Soda lime, as a class 1 medical device, is manufactured under ISO 13485 quality management system.

## PACK TYPE

Alto is available filled with Sofnolime, Sodasorb or Sodasorb LF medical grade soda lime. Alto is a pre-filled canister compatible with the GE™ Carestation™ 600 Series, 700 Series, and 850 Series Anesthesia delivery systems.

## NOTES

- Activity is determined by passing carbon dioxide through a 'U' tube containing approximately 10 grammes of soda lime at a rate of 75 millilitres per minute for a period of 20 minutes. The activity is the weight gain, expressed as a percentage.

**Note:** this technical data sheet indicates physical properties that are standard and typical. Molecular Products will meet customer specifications as required.