

# SODASORB

## MEDICAL GRADE SODA LIME

### DESCRIPTION

Medical grade soda lime designed for clinical use in closed anaesthesia circuits.

### APPLICATIONS

Sodasorb 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.



### COLOUR INDICATOR

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

### Molecular Products Limited

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#### PARTICLE SIZE DISTRIBUTION

Max retained on 4 mesh	%	7	
Max through 8 mesh	%	65.0	
Max through 12 mesh	%	1.0	
Up to 40 mesh	%	0.5	Max
Friability (equivalent to USP hardness)	%	86.0	Min
Moisture absorbance	%	7.5	Max
CO2 activity <sup>1</sup>	%	19.0	Min

#### COMPOSITION

Moisture Content	%	12-19
Total Alkali Metal	%	4 Max
Calcium Hydroxide	%	Balance

#### QUALITY

Molecular Products Ltd'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 IIa medical device, is manufactured under ISO 13485 quality management system.

#### PACK TYPE

Sodasorb is available in:

- Pre-filled canister: Pre-Pak, Aria (see separate Technical Data Sheet).
- Loose-fill: Jug, Canister Pak, Pail, Big Bags.

#### NOTES

1. Activity is determined by passing carbon dioxide through a 'U' tube containing approximately 10 grammes of Sodasorb at a rate of 75 millilitres per minute for a period of 20 minutes. The activity is the weight gain, expressed as a percentage.
2. A summary of all test procedures is available on request.

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

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