

Sodasorb HMED[®] medical grade

White to violet indicating



Medical grade soda lime for closed anaesthesia circuits

Applications

Sodasorb HMED[®] USP 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.



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. Soda lime, as a class IIa medical device, is manufactured under ISO 13485 procedures.

Particle size distribution¹

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 ² (equivalent to USP hardness)	%	86.0	Min
Moisture absorbance	%	7.5	Max
CO ₂ activity ³	%	19.0	Min

Colour Indicator

Sodasorb HMED[®] contains a colour indicator, which changes the granules from white to violet when carbon dioxide is absorbed

Availability

Sodasorb HMED[®] is available in:
136kg drums
Boxes of 5 x 4.5kg packs

Other options are available upon request

Notes




1. Particle size measured by optical method
2. Friability measured by ball mill and optical method
3. Activity is determined by passing carbon dioxide through a 'U' tube containing approximately 10 grammes of Sodasorb HMED[®] at a rate of 75 millilitres per minute for a period of 20 minutes. The activity is the weight gain, expressed as a percentage

A summary of all test procedures is available on request

Particle size and friability methods are validated against USP test method

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