

## Certificate of Analysis

Date of Testing: 2024-01-27 11:36:32  
Date of Next Testing: 2028-01-26 11:36:32  
Product Name: **Soda lime**  
CAS Number: 8006-28-8  
Specifications & Purity: Pharmaceutical grade,white  
Lot #: A2422197  
SKU #: **S103651**  
**Analysis:** **060402**  
Storage Temperature: Protected from light

Parameter	Limit Values	Result
Loss on drying	0-15 (%)	6.80 %
Particle size	2.5-5 (mm)	4.50 mm
PH (before use)	12-14	13.00
Dust proportion	0-0.2 (%)	0.10 %
Calcium hydroxide	76-83 (%)	80.00 %
Particle hardness	80-100 (%)	90.30 %
CO2 activity	≥19 (%)	31.10 %
Hygroscopic force	≤7.5 (%)	0.24 %
Sodium hydroxide	0-5 (%)	3.00 %
PH (6%, Water) @25C	9-11	10.00
CO2 absorption capacity	≥140	160.00
Color change	White to purple	White to purple
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager