

# Epredia Soda Lime Glass

## General chemical and physical properties

Epredia slides are made of low-iron, optically clear, extra-white soda lime glass, manufactured to the highest quality standards.

Our slide manufacturing facilities are ISO 13485 certified and have in place a robust medical device quality management system.

### Main Glass Chemical Composition

Silicon dioxide (SiO <sub>2</sub> )	69 - 74 %
Sodium oxide (Na <sub>2</sub> O)	10 - 16 %
Calcium oxide (CaO)	5 - 14 %
Magnesium oxide (MgO)	0 - 6 %
Aluminium oxide (Al <sub>2</sub> O <sub>3</sub> )	0 - 3 %
Trace elements (FeO, etc.)	< 5 %

### Light Transmission

**91.7%**, Illuminant D65 at 2° (acc. +/- 0.2 %)

### Refractive Index

**1.5163**, at lambda = 589.3 nm

For more information visit [epredia.com](https://www.epredia.com)

