

# Technical Datasheet

## Article No. 2502

Barium hydroxide octahydrate p. a., ISO, Ph. Eur.  
min. 98.0 % Ba(OH)<sub>2</sub> x 8 H<sub>2</sub>O

For laboratory use.

Parameter	Value
Appearance	white or colourless solid
Density	2.18 g/cm <sup>3</sup>
Mol.-Weight	315.47 g/mol
Melting point	78 °C
Insoluble matter	max. 0.005 %
Barium carbonate (BaCO <sub>3</sub> )	max. 2.0 %
Calcium (Ca)	max. 0.005 %
Cadmium (Cd)	max. 0.0005 %
Copper(Cu)	max. 0.0003 %
Iron (Fe)	max. 0.0005 %
Potassium (K)	max. 0.005 %
Magnesium (Mg)	max. 0.002 %
Sodium (Na)	max. 0.005 %
Strontium (Sr)	max. 1.5 %
Lead (Pb)	max. 0.0005 %
Chloride (Cl)	max. 0.001 %
Sulfur (S)	max. 0.0005 %
Non solubles in HCl	max. 0.005 %