

**Product Name:** Calcium hydroxide, ACS, 95.0% min, Thermo Scientific Chemicals

**Catalog Number:** 014662.A1

**CAS Number:** 1305-62-0  
**IUPAC Name:** calcium dihydroxide  
**Molecular Formula:** CaH<sub>2</sub>O<sub>2</sub>  
**Molecular Weight:** 74.09  
**MDL Number:** MFCD00010901  
**InChI Key:** AXCZMVOFGPJBDE-UHFFFAOYSA-L  
**SMILES:** [OH-].[OH-].[Ca++]  
**Synonym:** calcium hydroxidhydrated limelslaked limelCa(OH)<sub>2</sub>calcium hydratelhydratlimelkalziumhydroxidgeloeschter kalklloeschkalk

### Product Specification

**Impurity content:** Mg 0.5%  
**Impurity content:** Sulfur compounds (as SO<sub>4</sub>) 0.1%  
**Impurity content:** K 0.05%  
**Impurity content:** Sr 0.05%  
**Assay (Aqueous acid-base Titration):** 95.0% CaH<sub>2</sub>O<sub>2</sub> min  
**Heavy Metals:** (ICP-OES) 0.003%  
**Impurity content:** CaCO<sub>3</sub> 3.0%  
**Impurity content:** Cl 0.03%  
**Impurity content:** Insoluble in hydrochloric acid 0.03%  
**Impurity content:** Na 0.05%  
**Impurity content:** Fe 0.05%

**Date Of Print:** 03/12/2025

*Product Specifications are subject to amendment and may change over time. Data contained is accurate as of the date printed.*