

**CERTIFICATE OF ANALYSIS**

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by Intertek Global Certificate Number. CERT-0120633

Catalogue Number C97  
 Lot Number 253949  
 Description CALCIUM HYDROXIDE, A. C. S. Grade  
 CAS Number 1305-62-0  
 Quality Test/Release Date 25/Sep/2025  
 Suggested retest date 07/Jun/2030  
 Country of Origin India  
 Declaration of Origin Inorganic-Non Animal  
 BSE/TSE BSE TSE Free

Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	White solid
Assay Calcium Carbonate	%	<= 3.0	1.8
Assay Calcium Hydroxide	%	>= 95.0	96.5
CHLORIDE	%	<= 0.1	<0.1
HEAVY METALS BY ICP-OES	%	<= 0.003	0.001
IDENTIFICATION	PASS/FAIL	= PASS TEST	PASS TEST
INSOLUBLE IN DILUTE HCL	%	<= 0.03	0.02
IRON (Fe)	%	<= 0.05	<0.05
MAGNESIUM (Mg)	%	<= 0.5	0.2
POTASSIUM (K)	%	<= 0.05	0.02
SODIUM (Na)	%	<= 0.05	<0.05
STRONTIUM (Sr)	%	<= 0.05	<0.05
SULFUR COMPOUNDS	%	<= 0.1	<0.1



Harout Sahagian  
QC Manager

Products are processed under ISO 9001:2015 quality management systems and samples are tested for conformance to the noted specifications. Certain data may have been supplied by third parties. We disclaim the implied warranties of merchantability and fitness for a particular purpose, and the accuracy of third-party data or information associated with the product. Products are for research use or further manufacturing. Products are not for direct administration to humans or animals. It is the responsibility of the final formulator or end user to determine suitability, and to qualify and/or validate each product for its intended use.

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of the catalogue number listed above.