

## CERTIFICATE OF ANALYSIS

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by TUV SUD America Inc.  
 Certificate Number. 951001163

Catalogue Number	036399
Lot Number	U14L048
Description	Calcium carbonate, chelometric standard, ACS, 99.95-100.05%
CAS Number	471-34-1
Quality Test/Release Date	14/Aug/2025
Suggested retest date	14/Aug/2030
Country of Origin	United States
Declaration of Origin	Other
BSE/TSE	Origin is not animal. Not directly derived from/manufactured with any animal byproducts in any way (including but not limited to fermentation or nutrient broth, catalysts, enzymes).

Result Name	Units	Specifications	Test Value
Assay (unspecified)	%	99.95-100.05% CaCO <sub>3</sub>	100.01
Heavy Metals	%	(ICP-OES) 0.001%	0.00005
Impurity content	%	Ba 0.01%	0.00
Impurity content	%	Cl 0.001%	<0.001
Impurity content	%	F 0.0015%	<0.0015
Impurity content	%	Fe 0.002%	0.0009
Impurity content	%	Insoluble in dilute hydrochloric acid 0.01%	0.0001
Impurity content	%	K 0.01%	0.004
Impurity content	%	Mg 0.01%	0.002
Impurity content	%	Na 0.01%	0.001
Impurity content	%	NH <sub>4</sub> 0.003%	<0.003
Impurity content	%	Sr 0.01%	0.003
Impurity content	%	SO <sub>4</sub> 0.005%	<0.005



Derek Roy  
 Quality Manager, LCD

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 and development use only. 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.