

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	036236
Lot Number	X27L032
Description	Barium carbonate, ACS, 99.0-101.0%
CAS Number	513-77-9
Quality Test/Release Date	27/Oct/2025
Suggested retest date	27/Oct/2030
Country of Origin	India
Declaration of Origin	Synthetic

Result Name	Units	Specifications	Test Value
Assay (unspecified)	%	99.0-101.0% BaCO ₃	99.62
Free base (titration)	meq/g	(Water soluble) 0.002meq/g	<0.002
Impurity content	%	Ca 0.05%	0.0044
Impurity content	%	Cl 0.002%	0.0005
Impurity content	%	Fe 0.002%	0.00036
Impurity content	%	Insoluble in dilute hydrochloric acid 0.015%	0.0066
Impurity content	%	K 0.005%	0.0007
Impurity content	%	Na 0.02%	0.00039
Impurity content	%	Oxidizing substances (as NO ₃) 0.005%	<0.005
Impurity content	%	S 0.001%	<0.001
Impurity content	%	Sr 0.7%	0.1751
Trace Metals	%	(as Pb) 0.001%	<0.001



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.