

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	C63
Lot Number	253619
Description	CALCIUM CARBONATE, USP/FCC
CAS Number	471-34-1
Quality Test/Release Date	12/Aug/2025
Suggested retest date	22/May/2028
Country of Origin	United States
Declaration of Origin	Inorganic-non animal

Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	White powder
FCC Grade - ACID-INSOLUBLE SUBSTANCES	%	<= 0.2	0.01
FCC Grade - ARSENIC	MG/KG	<= 3	<3
FCC Grade - ASSAY	%	Inclusive Between 98.0 - 100.5	99.6
FCC Grade - FLUORIDES	%	<= 0.005	0.001
FCC Grade - IDENTIFICATION (ALL LISTED)	PASS/FAIL	IN PASS TEST	PASS TEST
FCC Grade - LEAD (Pb)	MG/KG	<= 3	<3
FCC Grade - LOSS ON DRYING PER FCC	%	<= 2.0	1.1
FCC Grade - MAGNESIUM & ALKALI SALTS	%	<= 1	0.21
USP Grade - ACID INSOLUBLE SUBSTANCES	%	<= 0.2	0.01
USP Grade - ARSENIC	ppm	<= 3	<3
USP Grade - ASSAY	%	Inclusive Between 98.0 - 100.5	99.6
USP Grade - BARIUM	PASS/FAIL	IN PASS TEST	PASS TEST
USP Grade - FLUORIDE (F)	ppm	<= 50	10
USP Grade - IDENTIFICATION (ALL LISTED)	PASS/FAIL	IN PASS TEST	PASS TEST
USP Grade - IRON	%	<= 0.1	<0.1
USP Grade - LEAD (Pb)	ppm	<= 3	<3
USP Grade - LOSS ON DRYING PER USP	%	<= 2.0	1.1
USP Grade - MAGNESIUM AND ALKALI SALTS	%	<= 1.0	0.21
USP Grade - MERCURY	UG/G	<= 0.5	<0.014
USP Grade - RESIDUAL SOLVENTS	PASS/FAIL	IN PASS TEST	MEETS REQUIREMENTS



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.