

**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 B34  
Lot Number 252777  
Description BARIUM CHLORIDE, CERTIFIED, A.C.S.  
CAS Number 10326-27-9  
Quality Test/Release Date 26/Jun/2025  
Suggested retest date 31/Mar/2030  
Country of Origin India

Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	White crystals
ASSAY	%	>= 99.0	99.7
CALCIUM	%	<= 0.05	<0.05
HEAVY METALS (by ICP-OES)	ppm	<= 5	<5
IDENTIFICATION	PASS/FAIL	= PASS TEST	PASS TEST
INSOLUBLE MATTER	%	<= 0.005	0.003
IRON (Fe)	ppm	<= 2	<2
LOSS ON DRYING @ 150 C	%	Inclusive Between 14.0 - 16.0	14.7
OXIDIZING SUBSTANCES	%	<= 0.005	<0.005
PH 5% SOLUTION @ 25 DEG C		Inclusive Between 5.2 - 8.2	6.4
POTASSIUM (K)	%	<= 0.0025	0.0014
SODIUM (Na)	%	<= 0.005	0.001
STRONTIUM (Sr)	%	<= 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.