

## 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	BP9703
Lot Number	261682
Description	BOVINE SERUM ALBUMIN, PROTEASE FREE
CAS Number	9048-46-8
Quality Test/Release Date	08/Apr/2026
Suggested retest date	31/Jan/2031
Country of Origin	United States
Declaration of Origin	Animal - Bovine
BSE/TSE	The raw material for this product was collected from animals in the USA in establishments registered with the USDA. At no time during collection or processing was the material commingled with any other material of animal origin.

Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	White to yellow lyophilized powder
ASH	%	<= 2.0	1.0
BLUETONGUE VIRUS	PASS/FAIL	= NOT DETECTED	NOT DETECTED
HEAVY METALS (as Pb)	ppm	<= 10	<10
LOSS ON DRYING @ 105 C	%	<= 5.0	1.7
PH (1% IN 0.15M NACL)		Inclusive Between 6.8 - 7.2	6.8
PROTEASE	PASS/FAIL	= NOT DETECTED	NOT DETECTED
PROTEIN	%	>= 96	98
PURITY (ALBUMIN)	%	>= 98	100
SOLUBILITY (4%)	CLEAR	= CLEAR TO SLIGHTLY HAZY	CLEAR TO SLIGHTLY HAZY
	_SLIGHTLY_HAZY		
VESICULAR STOMATITIS VIRUS	PASS/FAIL	= NOT DETECTED	NOT DETECTED

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.