

## 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	BP673
Lot Number	254571
Description	G418 SULFATE
CAS Number	108321-42-2
Quality Test/Release Date	01/May/2026
Expiration Date	31/Jan/2029
Country of Origin	Japan
Declaration of Origin	Organic - non animal
BSE/TSE	No animal products are used as starting raw material ingredients, or used in processing, including lubricants, processing aids, or any other material that might migrate to the finished product.

Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	White to off white powder
AMMONIA (NH3)	%	<= 1.0	<1.0
OPTICAL ABS AT 280 NM	ABSORBANCE UNITS	< 0.015	<0.015
OPTICAL ABS AT 570 NM	ABORBANCE UNITS	< 0.10	<0.10
POTENCY	UG/MG	> 730	758
PURITY (TLC)	%	> 98	>98
SOLUBILITY IN WATER	PASS/FAIL	IN PASS TEST	PASS TEST
WATER (H2O)	%	<= 10.0	6.3

Ash Frey  
Supervisor, Quality Control

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.