

CERTIFICATE OF ANALYSIS

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by Intertek. Certificate Number. 2317548

Catalogue Number	BP9743
Lot Number	14148-16316
Description	2XYT Broth,granulated
CAS Number	91079-40-2
Quality Test/Release Date	01/May/2025
Suggested retest date	17/Feb/2029
Country of Origin	UNITED KINGDOM
Declaration of Origin	bovine (cattle)

Result Name	Units	Specifications	Test Value
Appearance (Color)		Light beige	Light beige
Appearance (Form)		Granules	Granules
Average particle size	mm	1 to 2	1 to 2
Appearance of solution		Prepared medium is yellow to amber	Prepared medium is yellow to amber
Appearance of solution		Prepared medium is clear to moderately hazy	Prepared medium is clear to moderately hazy
pH		6.8 to 7.2 (3.1 % at 25°C)	7.18 (3.1 % at 25°C)
Growth promotion-microorganism		(E. coli ATCC 23724) Passes test	(E. coli ATCC 23724) Passes test
Growth promotion-microorganism		(E. coli ATCC 33694) Passes test	(E. coli ATCC 33694) Passes test
Growth promotion-microorganism		(E. coli ATCC 33849) Passes test	(E. coli ATCC 33849) Passes test
Growth promotion-microorganism		(E. coli ATCC 39403) Passes test	(E. coli ATCC 39403) Passes test
Growth promotion-microorganism		(E. coli ATCC 47014) Passes test	(E. coli ATCC 47014) Passes test
Growth promotion-microorganism		(E. coli ATCC 53868) Passes test	(E. coli ATCC 53868) not tested



Geert Torfs
Supervisor, QC

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.