

## 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	BP9727
Lot Number	262740
Description	YEAST EXTRACT, GRANULATED
Quality Test/Release Date	18/Jun/2026
Expiration Date	30/Apr/2028
Country of Origin	United States
Declaration of Origin	Organic - non animal
BSE/TSE	This chemical does not contain, or come into contact with, any materials of animal origin. Therefore, to the best of our knowledge, there should be no issue with BSE/TSE.

Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	Light beige to brown color average particle size between 1 to 2mm.
AMINO NITROGEN CONTENT	%	>= 3.5	5.06
MOISTURE	%	<= 6.0	4.9
PH OF A 2% SOLUTION		Inclusive Between 5.5 - 7.5	7.0
TOTAL NITROGEN CONTENT	%	>= 8.0	10.82



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.