

## CERTIFICATE OF ANALYSIS

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System Standard ISO9001:2015 by TUV SUD America Inc.  
 Certificate Number. 951001163

Catalogue Number	J63795
Lot Number	P13M066
Description	Hexokinase, yeast
CAS Number	9001-51-8
Quality Test/Release Date	16/Mar/2026
Suggested retest date	16/Mar/2031
Country of Origin	Japan
Declaration of Origin	Other
BSE/TSE	Yeast

Result Name	Units	Specifications	Test Value
Assay (special)		Contaminating activities: Phosphohexos isomerase: $\leq 0.10\%$ ; 6-phosphogluconate dehydrogenase: $\leq 0.005\%$ ; Adenylate kinase: $\leq 0.005\%$ ; Creatine phosphokinase: $\leq 0.005\%$	Conforms
Form		Lyophilized powder	Lyophilized powder
Unit definition		One unit reduces one micromole of NAD per minute at 30°C, pH 8.0	Conforms
units/mgdw	u/mg dw	Report value	265
units/mgP	u/mg P	$\geq 150$	616



Derek Roy  
 Quality Manager, LCD

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.