

## 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	043896
Lot Number	Y14L029
Description	Polyethyleneimine, linear, M.W. 25,000
CAS Number	9002-98-6
Quality Test/Release Date	14/Nov/2025
Suggested retest date	14/Nov/2030
Country of Origin	United States

Result Name	Units	Specifications	Test Value
Comment		Transfection Performance Testing (IgG Expression in HEK293): $\geq 6.5$ mg/L	Passes test
Appearance (Color)		White to yellow	Yellow
Form		Amorphous to crystalline solid	Crysatlline solid
Solution Test		Clear solution- Passes test	Passes test
Viscosity	dL/g	Inherent viscosity: 0.22 - 0.40 dL/g	0.31



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.