

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 J67145
Lot Number R09L026
Description Gold nanoparticles, 100nm, biotin-functionalized, PEGylated, OD50, supplied in purified water, 572nm absorption
Quality Test/Release Date 09/May/2025
Suggested retest date 09/May/2026
Country of Origin Canada

Result Name	Units	Specifications	Test Value
Composition	nm	Core size: Reported	100 (-2 to +15)
Composition	nm	Maximum Absorption Wavelength: Reported	572
Composition	nm	Mean hydrodynamic diameter: Reported	136.2
Composition	OD	Concentration: Reported	50

John Astarita

John Astarita
Director, Quality

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.