

## 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	43912
Lot Number	A0456688
Description	Ethynylmagnesium bromide, 0.5M solution in THF, AcroSeal®
CAS Number	4301-14-8
Quality Test/Release Date	26/Nov/2024
Suggested retest date	26/Nov/2025
Country of Origin	UNITED KINGDOM
Declaration of Origin	synthetic
BSE/TSE	Not directly derived from or manufactured with any animal byproducts in any way (Including but not limited to fermentation or nutrient broth, catalysts, enzymes).

Result Name	Units	Specifications	Test Value
Appearance (Color)		Colorless to yellow to grey to brown	Colorless to yellow to grey to brown
Appearance (Form)		Solution	Solution
Appearance		May develop some turbidity or precipitate	May develop some turbidity or precipitate
Appearance		If precipitation is present, gently mix	If precipitation is present, gently mix
Appearance		precipitate back into solution under an inert atmosphere	precipitate back into solution under an inert atmosphere
Appearance		atmosphere	atmosphere
Titration Grignard	M	0.40 to 0.60	0.56



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.