

## 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	086118
Lot Number	N16M063
Description	Zirconium(IV) isopropoxide isopropanol complex
CAS Number	14717-56-7
Quality Test/Release Date	17/Feb/2026
Suggested retest date	17/Nov/2026
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
Assay	%	Gravimetric >99%	>99
Appearance (Color)		Colorless	Colorless
Form		Crystalline powder	Crystalline powder
Elemental analysis by ICP	ppm	Al <10 ppm	<10
Elemental analysis by ICP	ppm	Ca <10 ppm	<10
Elemental analysis by ICP	ppm	Cr <10 ppm	<10
Elemental analysis by ICP	ppm	Cu <10 ppm	<10
Elemental analysis by ICP	ppm	Fe <10 ppm	<10
Elemental analysis by ICP	ppm	Hf <200 ppm	<10
Elemental analysis by ICP	ppm	La <10 ppm	<10
Elemental analysis by ICP	ppm	Mg <10 ppm	<10
Elemental analysis by ICP	ppm	Sn <10 ppm	<10
Elemental analysis by ICP	ppm	Ti <50 ppm	<10
Elemental analysis by ICP	ppm	V <10 ppm	<10
Elemental analysis by ICP	ppm	Y <10 ppm	<10
Elemental analysis by ICP	ppm	Zn <10 ppm	<10



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.