

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	12377
Lot Number	A0415073
Description	Perfluoro-compound FC-43(TM)
CAS Number	311-89-7
Quality Test/Release Date	16/Dec/2024
Suggested retest date	16/Dec/2029
Country of Origin	BELGIUM
Declaration of Origin	synthetic

Result Name	Units	Specifications	Test Value
Appearance (Color)		Clear colorless	Clear colorless
Appearance (Form)		Liquid	Liquid
Infrared spectrum		Conforms	Conforms
Boiling point		173°C to 181°C	174.4°C
Density	g/ml	(25°C) 1.865 to 1.895	(25°C) 1.88
Viscosity	cSt	2.3 to 3.3 (at 25°C)	2.7 (at 25°C)
Additional info		distillation range (between 165 and 185°C): > 97%	distillation range (between 165 and 185°C): 98%
Additional info		residue: < 10 ug/ml	residue: < 1 ug/ml
Additional info		pour point: < - 40°C	pour point: - 43°C
Additional info		dielectric strength: > 35 kV	dielectric strength: 46 kV

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.