



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	35631
Lot Number	A0433492

Description 4-Chloro-1-butanol,85%,balance THF and HCI

CAS Number 928-51-8
Quality Test/Release Date 11/Mar/2025
Suggested retest date 11/Mar/2026
Country of Origin CHINA
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).

Units	Specifications	Test Value
	Clear to slightly hazy colorless to	Clear light yellow
	light yellow	
	to light pink	
	Liquid	Liquid
	Conforms	Conforms
	1.4510 to 1.4630 (20°C, 589 nm)	1.4541 (20°C, 589 nm)
%	>=80	83.5
%	=<6	4
	%	Clear to slightly hazy colorless to light yellow to light pink Liquid Conforms 1.4510 to 1.4630 (20°C, 589 nm) %

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.