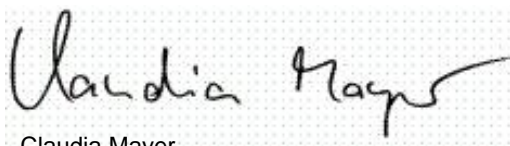


## Certificate of Analysis

**Product Name:** Tetrahydrofuran  
anhydrous,  $\geq 99.9\%$ , inhibitor-free  
**Product Number:** 401757  
**Batch Number:** STBK9016  
**CAS Number:** 109-99-9  
**Formula:**  $C_4H_8O$   
**Formula Weight:** 72.11  
**Quality Release Date:** 06 MAR 2023

TEST	SPECIFICATION	RESULT
APPEARANCE (COLOR)	COLORLESS	COLORLESS
APPEARANCE (FORM)	LIQUID	LIQUID
PURITY (GC AREA %)	$\geq 99.90\%$	99.98 %
WATER (COULOMETR.)	$\leq 0.005\% H_2O$ (100 ML UNIT SIZE ONLY), $\leq 0.002\% H_2O$ (REMAINING UNIT SIZES)	0.001 %
RESIDUE (EVAPORATION)	$\leq 0.0005\%$	0.0001 %
INFRARED SPECTRUM	CONFORMS TO STRUCTURE	CONFORMS
Peroxides	$\leq 20$ PPM	$< 1$ PPM



Claudia Mayer

Manager Quality Control

Steinheim, Germany

Sigma-Aldrich warrants that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

The vibrant M and Sigma-Aldrich are trademarks of Merck KGaA, Darmstadt, Germany or its affiliates. Detailed information on trademarks is available via publicly accessible resources.  
© 2018 Merck KGaA, Darmstadt, Germany and/or its affiliates. All Rights Reserved.

The life science business of Merck KGaA, Darmstadt, Germany  
operates as MilliporeSigma in the US and Canada.

