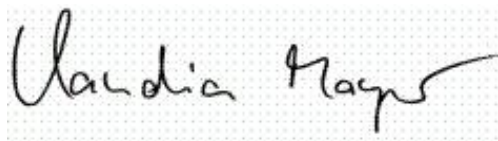


Certificate of Analysis

Product Name: Diethyl ether
Product Number: 179272
Batch Number: STBJ4762
Brand: Aldrich
CAS Number: 60-29-7
Formula: $(\text{CH}_3\text{CH}_2)_2\text{O}$
Formula Weight: 74.12
Quality Release Date: 14 NOV 2019

| TEST | SPECIFICATION | RESULT |
|--------------------|----------------------------|-------------|
| STABILIZER | CONATINS BHT AS STABILIZER | CORRESPONDS |
| APPEARANCE (COLOR) | COLORLESS | COLORLESS |
| APPEARANCE (FORM) | LIQUID | LIQUID |
| PURITY (GC AREA %) | ≥ 97.5 % | > 99.9 % |
| INFRARED SPECTRUM | CONFORMS TO STRUCTURE | CONFORMS |



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.