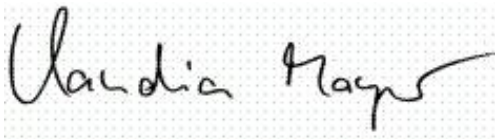


## Certificate of Analysis

**Product Name:** CYCLOHEXANONE  
99.8 %  
**Product Number:** W390909  
**Batch Number:** STBH0287  
**Brand:** Aldrich  
**CAS Number:** 108-94-1  
**Formula:** C<sub>6</sub>H<sub>10</sub>(=O)  
**Formula Weight:** 98.14  
**Quality Release Date:** 24 MAY 2017

TEST	SPECIFICATION	RESULT
APPEARANCE (COLOR)	COLORLESS	COLORLESS
APPEARANCE (FORM)	LIQUID	LIQUID
COLOR (IN APHA)	≤ 20 APHA	< 20 APHA
PURITY (GC AREA %)	≥ 99.80 %	> 99.99 %
REFRACTIVE INDEX N20/D	1.448 - 1.452	1.451
INFRARED SPECTRUM	CONFORMS TO STRUCTURE	CONFORMS
ARSENIC (ICP)	≤ 3 PPM	< 1 PPM
CADMIUM (ICP)	≤ 1 PPM	< 1 PPM
MERCURY (ICP)	≤ 1 PPM	< 1 PPM
LEAD (ICP)	≤ 10 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.