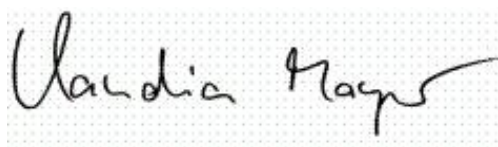


## Certificate of Analysis

**Product Name:** HEXAMETHYLENETETRAMINE  
ACS reagent, >= 99.0 %  
**Product Number:** 398160  
**Batch Number:** STBJ1899  
**Brand:** Sigma-Aldrich  
**CAS Number:** 100-97-0  
**Formula:**  $C_6H_{12}N_4$   
**Formula Weight:** 140.19  
**Quality Release Date:** 09 MAY 2019

TEST	SPECIFICATION	RESULT
APPEARANCE (COLOR)	WHITE	WHITE
APPEARANCE (FORM)	POWDER OR CRYSTALS	CRYSTALS
TITRATION (T) NaOH 0.1M	99.0 - 101.0 %	99.1 %
REMARKS ON TITRATION	DRIED BASIS	DRIED BASIS
LOSS ON DRYING	≤ 2.0 %	0.7 %
RESIDUE ON IGNITION	≤ 0.1 %	< 0.1 %
INFRARED SPECTRUM	CONFORMS TO STRUCTURE	CONFORMS
HEAVY METALS	≤ 0.001% (AS PB)	< 0.001 %
ACS SPECIFICATIONS	MEETS CURRENT ACS REQUIREMENTS	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.