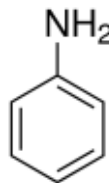


## Certificate of Analysis

Product Name:

Aniline - ACS reagent, ≥99.5%

**Product Number:** 242284  
**Batch Number:** MKCX2568  
**Brand:** SIAL  
**CAS Number:** 62-53-3  
**MDL Number:** MFCD00007629  
**Formula:** C<sub>6</sub>H<sub>7</sub>N  
**Formula Weight:** 93.13 g/mol  
**Quality Release Date:** 30 JAN 2025



Test	Specification	Result
Appearance (Color)	Colorless to Dark Yellow and Colorless to Dark Brown-Yellow	Colorless
Material darkens in storage with no loss in purity.		
Appearance (Form)	Liquid	Liquid
Infrared Spectrum	Conforms to Structure	Conforms
Purity (GC)	≥ 99.50 %	99.95 %
Color Test	≤ 250 APHA	60 APHA
Chlorobenzene	≤ 0.01 %	0.00 %
Nitrobenzene	≤ 0.001 %	0.000 %
Hydrocarbons	Pass	Pass
Residue on Ignition	≤ 0.005 %	0.000 %
Meets ACS Requirements	Current ACS Specification	Conforms



Larry Coers, Director  
Quality Control  
Milwaukee, WI US

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](http://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.

