

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.com

Email USA: techserv@sial.com

Outside USA: eurtechserv@sial.com

Product Specification

Product Name:

Formaldehyde solution – ACS reagent, 37 wt. % in H₂O, contains 10–15% Methanol as stabilizer (to prevent polymerization)

Product Number:

252549

MDL:

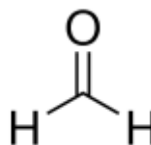
MFCD00003274

Formula:

CH₂O

Formula Weight:

30.03 g/mol



TEST	Specification
------	---------------

Appearance (Color)	Colorless
Appearance (Form)	Liquid
Infrared Spectrum	Conforms to Structure
Color Test	≤ 10 APHA
Titration by H ₂ SO ₄	36.5 - 38.0 %
Titrateable Acid (meq/g)	≤ 0.006
Residue on ignition (Ash)	≤ 0.005 %
Chloride (Cl)	≤ 5 ppm
Iron (Fe)	≤ 5 ppm
Heavy Metals	≤ 5 ppm
by ICP-OES	
Sulfate (SO ₄)	< = 0.002%
Note	Confirmed
Stabilized with 10% to 15% Methanol	
Meets ACS Requirements	Current ACS Specification
Recommended Retest Period	-----
2 Years	

Specification: PRD.5.ZQ5.10000018551

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.