

## Certificate of Analysis

Date of Testing: 2025-07-02 15:46:53  
Date of Next Testing: 2027-06-22 15:46:53  
Product Name: **Formaldehyde solution**  
CAS Number: 50-00-0(aqueous solution)  
Specifications & Purity: ACS, 37 wt. % in H<sub>2</sub>O, contains 10-15% Methanol as stabilizer  
Lot #: F2527353  
SKU #: **F111936**  
Version: **2**  
Analysis #: **527788**  
Storage Temperature: Protected from light, Room temperature

Parameter	Limit Values	Result
Iron(Fe)	0-5 (ppm)	0.00 ppm
Ignition Residue(Ash)	0-0.005 (%)	0.00 %
Heavy metal (as Pb)	0-5 (ppm)	0.00 ppm
Assay(HCHO)(Titration by H <sub>2</sub> SO <sub>4</sub> )	36.5-38 (%)	37.70 %
Titration Acid	0-6 (meq/kg)	3.25000 meq/kg
Chloride (Cl <sup>-</sup> )	0-5 (ppm)	5.00 ppm
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-0.002 (%)	0.00 %
Appearance (F111936)	Colorless liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Stabilizer (10% - 15% Methanol)	Conforms	Conforms
Solvent(H <sub>2</sub> O & Methanol)	Conform	Conform



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