

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-12-19 14:12:50  
Date of Next Testing: 2026-12-18 14:12:50  
Product Name: **Formate**  
CAS Number: 64-18-6  
Specifications & Purity: ACS, ≥96%  
Lot #: L22151012  
SKU #: **F130104**  
**Analysis:** **152563**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Acetic Acid	0-0.4 (%)	0.00 %
Evaporation Residue	0-0.003 (%)	0.00 %
Iron(Fe)	0-0.001 (%)	0.00 %
Purity (Titration by NaOH)	96-100 (%)	99.51 %
Chloride Content	0-0.001 (%)	0.00 %
Heavy metal (as Pb)	0-0.001 (%)	0.00 %
Sulfate(SO42-)	0-0.003 (%)	0.00 %
Ammonia (NH3)	0-0.005 (%)	0.00 %
Appearance (F130104)	Colorless liquid	Colorless liquid
(SO3)Sulfite	Passes test	Passes test
Dilution Test	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager