

## Certificate of Analysis

Date of Testing: 2024-07-12 12:03:56  
Date of Next Testing: 2028-07-11 12:03:56  
Product Name: **Formic acid**  
CAS Number: 64-18-6  
Specifications & Purity: reagent grade,  $\geq 95\%$   
Lot #: G2405493  
SKU #: **F112036**  
Version: **0**  
Analysis #: **386561**  
Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity (Titration by NaOH)	95-105 (%)	99.68 %
Solvent Content(acetic acid by NMR)	0-1 (%)	0.05 %
Water by Karl Fischer	0-5 (%)	0.20 %
Appearance (F112036)	Colorless to light yellow liquid	Colorless to light yellow liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager