

## Certificate of Analysis

Date of Testing: 2023-11-17 17:22:58  
Date of Next Testing: 2025-11-06 17:22:58  
Product Name: **Formate**  
CAS Number: 64-18-6  
Specifications & Purity: 99%  
Lot #: K2315383  
SKU #: **F112038**  
**Analysis:** **292720**  
Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Solvent Content(acetic acid by NMR)	0-1 (%)	0.00 %
Water by Karl Fischer	0-5 (%)	0.09 %
Assay(Titration by NaOH)	98.5-101.5 (%)	100.25 %
Appearance (F112038)	Colorless to light yellow liquid	Colorless to light yellow liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager