

## Certificate of Analysis

Date of Testing: 2023-06-16 17:23:29  
Date of Next Testing: 2027-06-15 17:23:29  
Product Name: **Formate**  
CAS Number: 64-18-6  
Specifications & Purity: Analytical Reagent,98%  
Lot #: F23131095  
SKU #: **F100377**  
**Analysis:** **235507**  
Storage Temperature: Room temperature,Argon charged

Parameter	Limit Values	Result
Density (20°C)	1.22-1.224	1.22
Refractive index n <sub>20</sub> /D	1.369-1.373	1.37
Water by Karl Fischer	0-1 (%)	0.23 %
Purity (T)	98-100 (%)	99.96 %
Appearance (F100377)	Colorless to Very Faint Yellow Liquid	Colorless to Very Faint Yellow Liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager