

## Certificate of Analysis

Date of Testing: 2023-12-13 16:00:55  
Date of Next Testing: 2027-12-12 16:00:55  
Product Name: **Formate**  
CAS Number: 64-18-6  
Specifications & Purity: for HPLC,  $\geq 98\%$   
Lot #: L2308384  
SKU #: **F112034**  
**Analysis:** **300277**  
Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Color (APHA, Pt-Co)	$\leq 10$ (APHA)	0.00000 APHA
Residue after reduction	0-0.001 (%)	0.00 %
Water by Karl Fischer	0-1 (%)	0.17 %
T265nm	$\geq 20$ (%)	82.00000 %
T275nm	$\geq 85$ (%)	98.50000 %
T285nm	$\geq 90$ (%)	99.20000 %
T300nm	$\geq 95$ (%)	99.50 %
Assay (T, dry)	98-100 (%)	99.21000 %
Appearance (F112034)	Clear colorless liquid	Clear Colorless Liquid



John Su  
QA & QC Manager