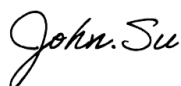


Shanghai Aladdin Biochemical Technology Co., LTD
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

Certificate of Analysis

Date of Testing: 2022-12-14 13:55:29
Date of Next Testing: 2024-12-03 13:55:29
Product Name: **Formate**
CAS Number: 64-18-6
Specifications & Purity: analytical standard
Lot #: C2116109
SKU #: **F100378**
Analysis: **168023**

Parameter	Limit Values	Result
Water by Karl Fischer	0-1 (%)	0.36000 %
Purity(HPLC)	99-100 (%)	99.23600 %
Refractive index n ₂₀ /D	1.369-1.373	1.37100
Appearance (F100378)	Colorless to light yellow liquid	Colorless to light yellow liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager