

## Certificate of Analysis

Date of Testing: 2023-04-03 19:03:36  
Date of Next Testing: 2027-04-02 19:03:36  
Product Name: **Formic acid-d2**  
CAS Number: 920-42-3  
Specifications & Purity: (D2, 98%) (<5% D2O)  
Lot #: C23111235  
SKU #: **D121276**  
Analysis: **178472**

Parameter	Limit Values	Result
Concentration in D2O	95-105 (%)	99.00 %
Proton NMR (Atom % D)	98-100 (atom%)	99.00 atom%
Water by Karl Fischer	0-5 (%)	0.30 %
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager