

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-03-20 10:43:34  
Date of Next Testing: 2026-03-19 10:43:34  
Product Name: **Ethyl formate**  
CAS Number: 109-94-4  
Specifications & Purity: reagent grade,98%  
Lot #: C2208088  
SKU #: **E110415**  
**Analysis:** **084150**  
Storage Temperature: Room temperature,Desiccated

Parameter	Limit Values	Result
Refractive index n <sub>20</sub> /D	1.359-1.363	1.36
Water by Karl Fischer	0-0.1 (%)	0.03 %
Purity(GC)	98-100 (%)	99.14 %
other impurities(GC)	0-2 (%)	1.20 %
Acidity	0-0.5	0.19
Specific gravity (20/4°C)	0.918-0.926	0.92
Appearance (E110415)	Colorless Liquid	Colorless liquid



John Su  
QA & QC Manager