

ALADDIN SCIENTIFIC CORPORATION  
14078 Meridian Parkway, Riverside, CA. 92518

### Certificate of Analysis

Date of Testing: 2026-03-18 09:16:59  
Date of Next Testing: 2027-03-18 09:16:59  
Product Name: **Copper etchant**  
CAS Number:  
Specifications & Purity:  
Lot #: C2611347  
SKU #: **C487577**  
Version: **1**  
Analysis #: **663961**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
HCl	0.92-1.02 (%)	0.97 %
Nitrate(NO3)	0-0.01 (%)	0.01000 %
Freeic Chloride	0.393- 0.441 (g/ml)	0.42000 g/ml
ICP: Confirms Iron Component	Confirmed	Confirmed



John Su  
QA & QC Manager