

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

## Certificate of Analysis

Date of Testing: 2025-12-08 11:57:57  
Date of Next Testing: 2028-12-07 11:57:57  
Product Name: **Nafion117 solution**  
CAS Number: 31175-20-9  
Specifications & Purity: ~5% in a mixture of lower aliphatic alcohols and water  
Lot #: L2505696  
SKU #: **N169478**  
Version: **0**  
Analysis #: **617559**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Water by Karl Fischer	15-25 (%)	20.00 %
Solid content(w/v)	4-6 (%)	5.13 %
Appearance (N169478)	Colorless to Very Faint Yellow Liquid	Colorless to Very Faint Yellow Liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager