

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-04-25 10:04:10  
 Date of Next Testing: 2028-04-24 10:04:10  
 Product Name: **Nafion117 solution**  
 CAS Number: 31175-20-9  
 Specifications & Purity: ~5% in a mixture of lower aliphatic alcohols and water  
 Lot #: D2523004  
 SKU #: **N169478**  
 Version: **0**  
 Analysis #: **502843**  
 Storage Temperature: Room temperature

| Parameter             | Limit Values                          | Result                                |
|-----------------------|---------------------------------------|---------------------------------------|
| Water by Karl Fischer | 15-25 (%)                             | 20.00000 %                            |
| Solid content(w/v)    | 4-6 (%)                               | 5.00000 %                             |
| 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