

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

## Certificate of Analysis

Date of Testing: 2026-06-13 11:34:55  
Date of Next Testing: 2030-06-12 11:34:55  
Product Name: **Nafion™ perfluorinated resin solution**  
CAS Number: 31175-20-9  
Specifications & Purity: Polymer Content:5.0-5.4%,Water Content:42-48%,VOC Content:47-53%,Total Acid Capacity:1.03-1.12meq/g  
Lot #: F2605349  
SKU #: **P400486**  
Version: **1**  
**Analysis #:** **714972**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Water by Karl Fischer	42-48 (%)	44.70000 %
1-Propanol	45-51 (%)	48.70000 %
(meq/g) H+Available Acid Capacity	> 1	1.07000
(meq/g) H+Total Acid Capacity	1.03-1.12	1.07000
Viscosity(25°C,CP)	10-40	12.00000
Assay(Perfluorosulfonic Acid/TFE)	5-5.4 (%)	5.20000 %
Appearance(P400486)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager