

## Certificate of Analysis

Date of Testing: 2023-04-06 13:38:58  
Date of Next Testing: 2026-04-05 13:38:58  
Product Name: **Perfluorinated resin solution containing Nafion™ 1100W**  
CAS Number: 31175-20-9  
Specifications & Purity: 5 wt. % in lower aliphatic alcohols and water, contains 15-20% water  
Lot #: C2330161  
SKU #: **P432568**  
Analysis: **202511**

| Parameter              | Limit Values          | Result                |
|------------------------|-----------------------|-----------------------|
| Water by Karl Fischer  | 15-25 (%)             | 20.50%                |
| Residue on Evaporation | 4-6 (%)               | 5.20%                 |
| Infrared spectrum      | Conforms to structure | Conforms to Structure |
| Appearance(P432568)    | Colorless Liquid      | Colorless liquid      |



John Su  
QA & QC Manager