

Shanghai yuanye Bio-Technology Co., Ltd

465 Changta Road, SongJiang District, Shanghai 201604, China

Certificate of Analysis

Date of Testing: 2025-10-29 18:33:48

Date of Next Testing: 2029-10-28 18:33:48

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:0.95-1.03meq/g

Lot #: J2527266

SKU #: **V32789**

Version: **0**

Analysis #: **600374**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Water by Karl Fischer	42-48 (%)	42.70 %
Assay(Perfluorosulfonic Acid/TFE)	5-5.4 (%)	5.10000 %
1-Propanol	45-51 (%)	50.60000 %
(meq/g) H+Available Acid Capacity	>0.92	0.97000
(meq/g) H+Total Acid Capacity	0.95-1.03	0.98000
Viscosity(25°C,CP)	10-40	16.00000
Infrared spectrum	Conforms to Structure	Conforms to Structure
Appearance(V32789)	Colorless Liquid	Colorless liquid

Quality Assurance : Xiaoyong Tan

Quality Control : Yunlei Zhu

