

## Certificate of Analysis

Date of Testing: 2023-08-16 15:34:48  
Date of Next Testing: 2027-08-15 15:34:48  
Product Name: **Poly(ethylene glycol) tetrahydrofurfuryl ether**  
CAS Number: 31692-85-0  
Specifications & Purity: average Mn 200  
Lot #: H2314500  
SKU #: **T121212**  
**Analysis:** **260051**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Heavy metals	0-0.0005 (%)	0.00 %
Average Molecular Weight	190-210	201.00
PH(10% Aqueous Water)	4.5-6.5	5.00
Water by Karl Fischer	0-0.5 (%)	0.10 %
Chloride (Cl-)	0-10 (ppm)	9.60 ppm
Sulfate(SO42-)	0-0.001 (%)	0.00 %
Appearance (T121212)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager