

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-09-09 10:17:55  
Date of Next Testing: 2027-09-08 10:17:55  
Product Name: **Poly(propylene glycol)**  
CAS Number: 25322-69-4  
Specifications & Purity: average Mw 400  
Lot #: I2306562  
SKU #: **P103209**  
Analysis: **245053**

Parameter	Limit Values	Result
Acid Value	0-1 (mgKOH/g)	0.00 mgKOH/g
Water by Karl Fischer	0-0.5 (%)	0.06 %
Hydroxy Value	200-270 (mgKOH/g)	223.51 mgKOH/g
PH(5% in Methanol:Water 1:1)	4-7	5.26
Appearance (P103209)	Colorless Liquid	Colorless liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager