

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

## Certificate of Analysis

Date of Testing: 2024-04-11 12:00:52  
Date of Next Testing: 2026-04-01 12:00:52  
Product Name: **BRIJ®O20**  
CAS Number: 9004-98-2  
Specifications & Purity: average Mn ~1,150  
Lot #: G2206019  
SKU #: **B107104**  
Version: **1**  
Analysis #: **340672**  
Storage Temperature: Room temperature, Desiccated, Cool

Parameter	Limit Values	Result
Hydroxy Value	50-65 (mgKOH/g)	57.00000 mgKOH/g
free ethyleneoxide	0-1 (ppm)	0.44000 ppm
Water by Karl Fischer	0-3 (%)	2.40000 %
free dioxane	0-5 (ppm)	2.30000 ppm
Acid Value	0-1 (mgKOH/g)	0.10000 mgKOH/g
Appearance (B107104)(At 60°C)	Off White or Yellowish to White clear Liquid	Off White or Yellowish to White clear Liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager