

## Certificate of Analysis

Date of Testing: 2023-07-19 14:25:51  
Date of Next Testing: 2027-07-18 14:25:51  
Product Name: **Diethylene glycol**  
CAS Number: 111-46-6  
Specifications & Purity: >98%(GC)  
Lot #: G2313215  
SKU #: **D110831**  
**Analysis: 190838**

Parameter	Limit Values	Result
Refractive index n <sub>20</sub> /D	1.445-1.448	1.45
Density (20°C)	1.117-1.12	1.12
Purity(GC)	98-100 (%)	99.91%
Appearance (D110831)	clear oily liquid	clear oily liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager