

## Certificate of Analysis

Date of Testing: 2024-04-16 11:34:14  
Date of Next Testing: 2028-04-15 11:34:14  
Product Name: **Dipropylene Glycol Dimethyl Ether (mixture of isomers)**  
CAS Number: 111109-77-4  
Specifications & Purity: >94.0%(GC)  
Lot #: D2412056  
SKU #: **D155370**  
Analysis: **117087**

Parameter	Limit Values	Result
Density (20°C)	0.903-0.907	0.91
Refractive index n <sub>20</sub> /D	1.406-1.41	1.41
Purity( (sum of isomers)(GC)	94-100 (%)	94.13%
Appearance (D155370)	Colorless liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager