

## Certificate of Analysis

Date of Testing: 2023-07-11 18:13:48  
Date of Next Testing: 2027-07-10 18:13:48  
Product Name: **Trimethylolpropane Tris(3-mercaptopropionate)**  
CAS Number: 33007-83-9  
Specifications & Purity: >85.0%(GC)  
Lot #: F23301037  
SKU #: **T162389**  
Analysis: **157887**

Parameter	Limit Values	Result
Refractive index n <sub>20</sub> /D	1.515-1.52	1.52
Density (20°C)	1.215-1.22	1.22
Purity(GC)	85-100 (%)	85.01%
Purity(Iodometric Titration)	84.5-105.5 (%)	102.33%
Appearance (T162389)	Colorless to light yellow liquid	Colorless to light yellow liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager