

## Certificate of Analysis

Date of Testing: 2024-06-18 16:29:10  
Date of Next Testing: 2028-06-17 16:29:10  
Product Name: **1,3-propanesulfonate**  
CAS Number: 1120-71-4  
Specifications & Purity: 99%  
Lot #: F2412324  
SKU #: **P105652**  
Version: **2**  
Analysis #: **362462**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(GC)	99-100 (%)	99.86 %
Crystallization point	30-33 (°C)	31.63 °C
Appearance (P105652)	Colorless to Brown Liquid or White to Brown Solid	Colorless to Brown Liquid or White to Brown Solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager