

## Certificate of Analysis

Date of Testing: 2023-09-28 11:30:06  
Date of Next Testing: 2027-09-27 11:30:06  
Product Name: **3,3-Dimethylbutyric Acid**  
CAS Number: 1070-83-3  
Specifications & Purity: 98%  
Lot #: I2321060  
SKU #: **D128107**  
Analysis: **281438**

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	98.96%
Refractive index n <sub>20</sub> /D	1.41-1.412	1.41
Density (20°C)	0.913-0.916	0.92
Purity(Neutralization titration)	98-100 (%)	98.31%
Appearance (D128107)	Colorless to light yellow liquid	Colorless to light yellow liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager