

## Certificate of Analysis

Date of Testing: 2023-06-28 10:49:30  
Date of Next Testing: 2027-06-27 10:49:30  
Product Name: **Isobutyric acid**  
CAS Number: 79-31-2  
Specifications & Purity: 99%  
Lot #: F2312816  
SKU #: **I103522**  
**Analysis:** **228253**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Refractive index n <sub>20</sub> /D	1.392-1.395	1.39
Water by Karl Fischer	0-0.1 (%)	0.03 %
Density (20°C)	0.946-0.952	0.95
Purity(GC)	99-100 (%)	99.45 %
Appearance (I103522)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager