

# Certificate of analysis

Product No.: B22226  
Product: 3-Methyl-2-butenal, 97%  
Lot No.: 10143904

Appearance Clear colorless liquid  
Refractive index ( $n_D^{20}$ ) 1.4624  
Assay (GC) 97.3 %  
Free acid (titration) 1.10 %

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