

## Certificate of Analysis

Date of Testing: 2023-08-25 15:28:06  
Date of Next Testing: 2027-08-24 15:28:06  
Product Name: **Methyl  $\alpha$ -hydroxyisobutyrate**  
CAS Number: 2110-78-3  
Specifications & Purity: 98%  
Lot #: H2323506  
SKU #: **M100572**  
**Analysis: 261248**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	98.37%
Refractive index n <sub>20</sub> /D	1.41-1.413	1.41
Density (20°C)	1.033-1.035	1.03
Appearance (M100572)	Colorless Liquid	Colorless liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager