

Certificate of Analysis

Date of Testing: 2023-08-08 17:15:50

Date of Next Testing: 2025-07-28 17:15:50

Product Name: **3-(Methylthio)butyraldehyde**

CAS Number: 16630-52-7

Specifications & Purity: 96%

Lot #: H2304672

SKU #: **M102934**

Analysis: **253089**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(GC)	96-100 (%)	98.28 %
Lead(Pb)	0-1 (ppm)	0.32 ppm
Refractive index n ₂₀ /D	1.473-1.483	1.48
Density (20°C)	1.012-1.018	1.01
(As)Arsenic	0-3 (ppm)	1.05 ppm
Mercury(Hg)	0-1 (ppm)	0.37 ppm
Cadmium(Cd)	0-1 (ppm)	0.26 ppm
Appearance (M102934)	Colorless to Yellow Liquid	Colorless to Yellow Liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager