

Certificate of Analysis

Date of Testing: 2024-11-22 15:17:11

Date of Next Testing: 2028-11-21 15:17:11

Product Name: **Methyl 4-Chloroacetoacetate**

CAS Number: 32807-28-6

Specifications & Purity: $\geq 96\%$ (GC)

Lot #: K2418336

SKU #: **M158829**

Version: **1**

Analysis #: **431104**

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.457-1.459	1.46
Purity(GC)	96-100 (%)	98.59 %
Appearance (M158829)	Colorless to Yellow to Orange Liquid	Colorless to Yellow to Orange Liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager