

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-20 17:24:51

Date of Next Testing: 2026-12-10 17:24:51

Product Name: **Methyl chlorooxoacetate**

CAS Number: 5781-53-3

Specifications & Purity: $\geq 97\%$

Lot #: L2419425

SKU #: **M111140**

Version: **0**

Analysis #: **453190**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(GC)	97-100 (%)	99.12 %
Refractive index n ₂₀ /D	1.4155-1.422	1.42
Purity (Argentmetric Titration)	96.5-103.5 (%)	96.90 %
Density (20°C)	1.33-1.335	1.33
Appearance (M111140)	Colorless to light yellow liquid	Colorless to light yellow liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager